

ON THE BIRDS OF CAYENNE.

By HANS GRAF VON BERLEPSCH.

ALTHOUGH birds of French Guiana have been known since the days of the great French ornithologist Mathurin Jacques Brisson, who, in his excellent work *Ornithologia*,* described about one hundred species of birds from Cayenne; and although birds from that country since that time till now have been largely and regularly imported to France and other parts of Europe, no complete account of Cayenne birds has ever been published.

It was, therefore, with much pleasure that I received the invitation of my friend Dr. Ernst Hartert to work out the collection of bird-skins made in Cayenne by Mr. George K. Cherrie, from October 1902 to the end of January 1903, which is deposited in Dr. Walter Rothschild's Museum at Tring.

Mr. George K. Cherrie, well known by his successful expeditions to Costa Rica and the Orinoco country, and also as an author of many important ornithological papers, arrived at Cayenne on September 30, 1902, and collected there assiduously during about four months, he having been assisted in this work by Mr. Benjamin T. Gault. The result of this collecting was a gain of thirteen hundred well-prepared bird-skins, which were all sent to me for examination.

Unfortunately, at the end of January 1903 Mr. Cherrie was attacked by diarrhoea, and was compelled to leave Cayenne for Georgetown, in British Guiana, where he went to the hospital in order to recover from his illness. He improved rapidly, but did not think it well to return to Cayenne, as at that time things were not favourable for his purposes, there being a great gold excitement in Cayenne, and therefore the living had become very expensive ("owing to the gold excitement the price of canoe travel up the rivers is prohibitive for a luckless bird collector").

On the whole he was satisfied with the ornithology of Cayenne, and found the country very rich both in species and individuals. He thinks he has never seen such a variety of "Ant-Thrushes," both in individuals and species, as in the neighbourhood of the Approuague River. He says, "I realise that I have barely begun the work in French Guiana."

As a curious fact how far bird-protection has proceeded in British Guiana, the following extract from a letter by Mr. Geo. K. Cherrie to Mr. Hartert might well be made known:

"I wrote you December 1st that I was forwarding you a shipment on that date, which indeed I thought I had done, as I turned the boxes over to the agents of the French mail steamer, who were to send them as far as Demerara and there trans-ship by the Royal Mail for England. When I wrote you on January 22nd, after my return from the Approuague, I was still ignorant that my boxes had not been forwarded! A day or two later I was informed by the steamship agents that my consignment could not be sent via Demerara, as the Royal Mail would not accept bird-skins from that port owing to local laws prohibiting exportation of bird-skins!

* Six vols., published at Paris, 1760.

"When I left Cayenne for Georgetown I took the collection with me as personal baggage, thinking I would be able to ship the same from the latter point. For I had not half believed the story that the Royal Mail would not accept the shipment—inasmuch as the collection was not made in Demerara. But I found it actually true, and was compelled to bring the entire collection to New York in order to ship to England."

Under these circumstances ornithologists may congratulate themselves that some twenty years ago Mr. Whitely had made extensive collections in British Guiana, and that they were worked out by the late Osbert Salvin, as otherwise the prospects of getting birds from there for scientific purposes are not very promising.

In order to make the list of Cayenne birds as complete as possible, I have added in brackets all the species which, though not collected by Mr. Cherrie, are otherwise stated to be inhabitants of that country.

Some generalities about the birds of Cayenne shall be given at the end of this article, or else at a later date in a separate paper.

HANS GRAF VON BERLEPSCH.

BERLEPSCH,
January 1908.

FAMILY TURDIDAE.*

1. *Turdus gymnophthalmus* Cab.

Turdus gymnophthalmus Cabanis, in Schomb. *Reise Brit. Guiana* iii. (1848) p. 665 (La Guaira, Caracas and Cayenne—habit. typ. select. Cayenne—in Mus. Berol.).

Appronagne: 1 ♂ ad., December 17, 1 ♀ ad., December 9, 1902.

"Iris mars-brown, feet grey, bill basally dusky olive, distally dusky olive-yellow, bare skin about eye bright olive-yellow" (♀), "around eye olive-yellow" (♂).

♂ ad.: al. 118; cand. $97\frac{1}{2}$; culm. $22\frac{1}{2}$; tars. $31\frac{3}{4}$ mm.

♀ ad.: al. $109\frac{1}{2}$; cand. $91\frac{1}{2}$; culm. 22; tars. 28 mm.

Nos. 12745 (♂), 1085 (♀).

[Cayenne (Mus. Berol., coll. Deplanches (*vide* Bp.), Mus. H. v. B., ex coll. Jelski).]

2. *Turdus albiventer* Spix.

Turdus albiventer Spix, *Av. Bras.* i. (1824) p. 70, part. (♂), nec Tafel 69, fig. 1! (typ. ex "Pará").

Cayenne: 1 ♂ ad., October 17, 1902.

Ile le Père: 1 ♂ ad., October 23, 1 ♀ ad., October 24, 1 ♂ juv., fere pull., October 24, 1902.

* (1) No small North American Thrush of the genus *Hylocichla* has as yet been recorded from Cayenne, while in British Guiana the late Mr. Whitely found three species of it, viz.:

1. *H. ustulata* (Nutt.).

2. *H. fuscescens* (Steph.).

3. *H. aliceae* (Baird).

H. u. swainsoni (Cab.) has been collected by the late J. Natterer near Cucuy and Marabitanas on the Rio Negro.

(2) I do not know what *Turdus poiteaui* Less. ex Cayenne really is. Perhaps it might be = *T. amaurochalinus* Cab. (*T. leucocelas* auct.), which occurs also at Pará (coll. Snelhage).

(3) *Turdus flavipes* Vieill. occurs in British Guiana and in Bahia collections, and is likely to be found in the mountainous parts of Cayenne.

(4) *Cichlopsis leucogenys* Cab. is said to have come from Brazil (Bahia!), while *C. gularis* Salv. & Godm. is an inhabitant of British Guiana (Roraima and Merume Mts.). Perhaps *C. leucogenys* is really a Cayenne bird!

Roche-Marie : 1 ♀ ad., November 9, 1902.

"Iris chestnut, feet greyish, bill dusky slate." Nos. 171, 204, 318, 319, 650.

♂♂ ad. : al. 117—114; cand. 98—95½; culm. 20¾; tars. 30½—29½ mm.

♀♀ ad. : al. 119—111½; cand. 96—90½; culm. 21¾—20½; tars. 31—30½ mm.

These specimens agree with a male from Rio Branco (coll. J. Nutterer—Mus. H. v. B.), and with others from Bogota and Sta. Marta (*M. fusa* Bangs). Specimens from Bahia as a rule have shorter bills, and have the breast and nropygium more suffused with brownish, less greyish.

[Cayenne (coll. Jelski in Mus. H. v. B.).]

3. *Turdus fumigatus* Licht.

Turdus fumigatus Lichtenstein, *Verz. Doubl.* (1823) p. 38 (ex "Brasil"—typ. in Mus. Berol.—hab. substit. Bahia).

Cayenne : 1 ♂ ad., November 24, 1 ♀ ad., November 27, 1902.

Roche-Marie : 1 ♂ ad., November 10, 1902.

Ipousin : 1 ♀ ad., December 26, 1902.

"Iris dark chestnut, feet dusky slate-grey, bill dusky blackish (clove-brown)."

Nos. 676, 884, 936, 12847.

♂♂ ad. : al. 117—111½; cand. 93½—92½; culm. 23¾—22½; tars. 32—31½ mm.

♀♀ ad. : al. 112—110; cand. 88½—83½; culm. 23¼—22; tars. 32½—31½ mm.

These specimens agree with a Bahia skin in Mus. H. v. B.

T. fumigatus had not yet been mentioned as an inhabitant of Cayenne.

4. *Turdus phaeopygus* Cab.

Turdus phaeopygus Cabanis, Schomb. *Reise Brit. Guiana* iii. (1848) p. 666 (ex Brit. Guiana.—typ. in Mus. Berol.).

Ipousin, R. Approuague : a young female in transition plumage, December 31, 1902.

"Iris seal, feet dusky grey, bill blackish." No. 12937.

[Cayenne (C. Jelski leg. in Mus. H. v. B.).]

FAMILY MIMIDAE.

5. *Mimus gilvus* (Vieill.).

Turdus gilvus Vieillot, *Ois. Am. sept.* ii. (1807) p. 15 ("habite la Guiane et les contrées les plus chaudes de l'Amérique septentrionale."—Typ. in Mus. Vieillot—habit. subst. Cayenne).

Cayenne : 1 ♀ ad., October 28, 1902.

"Iris raw sienna, feet and bill black." No. 357.

Al. 105½; cand. 114½; culm. 19½; tars. 31½ mm.

The length of the white tip of the outer tail-feather on the inner web is 26 mm.

A specimen from Surinam in Mus. H. v. B. agrees with the Cayenne bird.

M. gilvus columbianus Cab. from Venezuela* differs in having much longer white tips to the outer tail-feathers. A Roraima bird has the same amount of white on the outer tail-feathers as *M. g. columbianus*, but has much longer wings and a longer, stouter bill.

[Cayenne (Mus. Vindob.), *M. lividus* (Licht.), said to be collected in Cayenne by M. Deplanches (*vide* Bp.) is probably = *M. gilvus*!]

* Type in Mus. Heinean, examined.—H. v. B.

6. *Donacobius atricapillus* (Linn.).

Turdus atricapilla Linne, *Syst. Nat.* ed. xii. 1. (1766) p. 295 (ex Brisson hab. Cap. Bon. Spei—errore!—habit. substit. Cayenne).

Cayenne : 1 ♂ ad., 1 ♀ ad., 1 juv., November 22, 1902.

"Iris deep chrome yellow, feet dusky horn-colour, bill black, bare space on side of the throat chrome yellow." Juv. : "Iris slate-grey, bill and feet slate-grey, bare patch on side of the throat flesh-colour."

Nos. 856, 857, 858.

♂ : al. $83\frac{1}{2}$; cand. $96\frac{1}{2}$; culm. $25\frac{3}{4}$; tars. $31\frac{1}{2}$ mm.

♀ : al. 79 ; cand. 100 ; culm. 22 ; tars. $30\frac{1}{2}$ mm.

[Cayenne (coll. Deplanches—*fide* Bp.).]

FAMILY TROGLODYTIDÆ.

[7. *Microcerculus bambla* (Bodd.).

Formicarius bambla Boddart, *Tabl. Pl. End.* (1783) p. 44 (ex Daubenton, *Pl. End.* 703. f. 2.—typ. ex Cayenne).

Cayenne (Buff., Selater collection in Mus. Brit.).]

[8. *Leucolepia musica* (Bodd.).

Formicarius Musicus Boddart, *Tabl. Pl. End.* (1783) p. 44 (ex Daubenton, *Pl. End.* 706. f. 2.—typ. ex Cayenne).

Cayenne (Buff.—coll. Deplanches, *fide* Bp. ; Selater collection in Mus. Brit.—Mus. H. v. B.).]

9. *Thryothorus coraya* (Gml.).

Turdus Coraya Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 825 (ex Buff. & Daubent. *Pl. End.* 701. f. 1—typ. ex Cayenne).

Th. oyapocensis Ridgw.

Approuague : 1 ♂ ad., 1 ♀ ad., and 2 ♂♂ juv., December 8, 1902.

Iposuin, Approuague : 1 ♂ ad. and 1 ♂ imm., December 26, 1902.

"Iris burnt nuber (juv., dusky grey), feet slate-grey, bill above black, below slate-grey (jrs., blackish buff-yellow at base of mandible)."

Nos. 1058, 1061, 12841, 12842, 1059, 1060.

♂♂ ad. : al. $59\frac{1}{2}$ — $58\frac{1}{2}$; cand. $51\frac{1}{2}$ — $50\frac{3}{4}$; culm. $18\frac{3}{4}$ — $18\frac{1}{2}$; tars. $22\frac{1}{2}$ — $21\frac{1}{2}$ mm.

♀ ad. : al. $57\frac{1}{2}$; cand. 52 ; culm. $17\frac{3}{4}$; tars. $21\frac{1}{2}$ mm.

[Cayenne (Selater collection in Mus. Brit.)—Oyapoc (cf. Ridgw.).]

10. *Thryophilus albipectus* (Cab.).

Thrythorus albipectus Cabanis, in Schomb. *Reise Brit. Guiana* iii. (1848). p. 673 ("Cayenne"—typ. in Mus. Berol.).

Cayenne : 3 ♂♂ ad., October 31, November 2, 1902.

Roche-Marie : 5 ♂♂ ad. and 1 ♀ ad., November 5, 6, 10, 11, 1902.

"Iris hazel, feet greyish slate, bill above blackish, below greyish slate."

Nos. 414, 415, 472, 543, 558, 667, 668, 680, 701.

♂♂ ad. : al. 67— $65\frac{1}{2}$; cand. $52\frac{1}{2}$ —49 ; culm. $19\frac{3}{4}$ — $18\frac{3}{4}$; tars. $24\frac{1}{2}$ — $23\frac{1}{2}$ mm.

♀ ad. : al. 63 ; cand. $50\frac{1}{2}$; culm. $18\frac{1}{4}$; tars. $23\frac{1}{2}$ mm.

[Cayenne (Mus. Berol., Selater collection in Mus. Brit.).]

11. *Troglodytes musculus clarus* Berl. & Hart.

[*Troglodytes musculus* Naumann, *Vögel Deutschl.* iii. (1823) p. 724 (table) typ. ex Bahia.]

Troglodytes musculus clarus Berlepsch & Hartert, *Nor. Zool.* ix. (1902). p. 8 (typ. ex Bartica Grove, Brit. Guiana—Mus. H. v. B.).

Cayenne : 3 ♂♂ ad., October 11 ; November 11, 29 ; 2 ♂♂ juv., October 18, December 2 ; 4 ♀♀ ad., October 10, 11, 20, November 25 ; 1 ♀ juv., October 10, 1902.

“ Iris sepia, feet dusky flesh-colour, bill above dusky, below horny flesh-colour.”
Nos. 37, 46, 61, 62, 203, 222, 759, 905, 984, 996.

♂♂ ad. : al. 54—53 ; cand. $40\frac{1}{2}$ — $39\frac{3}{4}$; culm. $15\frac{3}{4}$ — $14\frac{1}{4}$; tars. $18\frac{3}{4}$ — $17\frac{3}{4}$ mm.

♀♀ ad. : al. 54—50½ ; cand. $40\frac{1}{2}$ — $35\frac{1}{2}$; culm. $14\frac{3}{4}$ — $14\frac{1}{4}$; tars. $18\frac{1}{2}$ — $17\frac{3}{4}$ mm.

FAMILY PARIDAE.

12. *Poliophtila livida* (Gml.).

Motacilla livida Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 981 (ex Daubent. *Pl. Enl.* 705. f. 3 (♀).

“Madagascar”—errone !—habit. substit. Cayenne).

T. buffoni Scl.

Cayenne : 5 ♂♂ ad., October 13, 18, 22, 28, November 26 ; 1 ♀ ad., October 13 ; 1 ♀ juv., 1 juv., November 19 ; 1 ♀ (seems to be ♂ juv. in transition plumage), December 2, 1902.

Roche-Marie : 1 ♀ ad., November 6, 1902.

“ Iris seal, feet plumbeous (‘ slate-grey ’), bill above black, below plumbeous, or maxilla black, with cutting edges plumbeous, or maxilla black, with pale cutting edges, mandible plumbeous, or bill blackish, plumbeous at base of mandible.”

Nos. 84, 85, 192, 275, 361, 560, 829, 830, 935, 994.

♂♂ : al. $49\frac{1}{2}$ —48 ; cand. $45\frac{1}{2}$ — $41\frac{1}{2}$; culm. $13\frac{1}{2}$ — $13\frac{1}{4}$; tars. $16\frac{3}{4}$ — $16\frac{1}{2}$ mm.

♀♀ : al. $48\frac{1}{2}$ — $46\frac{1}{2}$; cand. $47\frac{1}{2}$ — $43\frac{1}{2}$; culm. $13\frac{1}{2}$ —12 ; tars. 17— $16\frac{1}{2}$ mm.

[Cayenne (Buff.), Selater collection in Mus. Brit., coll. Deplanches—*vide* Bp.]

FAMILY MNIOTILTIDAE.*

13. *Dendroica aestiva* (Gml.).

Motacilla aestiva Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 996 (“Cayenne, Canada”—ex Briss. & Buff.—hab. select. Canada ex Briss.).

Cayenne : 3 ♂♂ ad., October 10, November 14, December 4 ; 2 ♀♀, October 13, 20 ; 3 ♂♂ juv., October 10, 13, November 22, 1902.

Roche-Marie : 1 ♂ November 10, 1902.

Approuague : 1 ♀, December 8, 1902.

“ Iris seal, feet buffy flesh, bill dusky horn-colour.”

* The following species of *Mniotiltidae* might be expected from Cayenne, but are not yet recorded from there :

1. *Seiurus noveboracensis* (Gml.). U.S., N. America—British Guiana. [In one of his letters addressed to Dr. Hartert, Mr. Geo. K. Cherrie says that he has seen this species in Cayenne on October 14, 1902, and that he is absolutely sure about the identification of it.]
2. *Comptolypis pitiayumi* (Vieill.). Brit. Guiana—Bahia.
3. *Dendroica striata* (Forst.). U.S., N. Am.—Brit. Guiana—Marabitanas and Forte do Rio Branco, Brazil (Natterer).
4. *Basileuterus aurocapillus* (Swains.). Brit. Guiana—Brazil.
5. *Basileuterus flaveolus* Baird. Pto. Cabello, Venez. (Mus. H. v. B.)—Bahia, Brazil (Mus. H. v. B.).
6. *Granatellus pelzelni* Scl. Brit. Guiana—Tocantins (*G. p. parvulus* Rothsch. at Pará).

Nos. 31, 47, 99, 100, 232, 684, 769, 861, 1012, 1067.

♂♂ : al. $63\frac{1}{2}$ — $62\frac{1}{2}$; caud. $45\frac{3}{4}$ — $43\frac{1}{2}$; culm. $10\frac{3}{4}$ — $9\frac{3}{4}$; tars. $18\frac{3}{4}$ — $17\frac{1}{4}$ mm.

♀♀ : al. 64 — $59\frac{1}{2}$; caud. $45\frac{3}{4}$ — $40\frac{1}{2}$; culm. 10 — $9\frac{3}{4}$; tars. $17\frac{3}{4}$ — $16\frac{1}{2}$ mm.

[Cayenne (Sclater collection in Mus. Brit. ; coll. Deplanches, *vide* Rp.).]

14. *Geothlypis æquinoctialis* (Gml.).

Motacilla æquinoctialis Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 972 (ex Buff. & Danbent. *Pl. Enl.* 685. f. 1.—typ. ex Cayenne).

Cayenne : 1 ♂ ad., December 19; 3 ♀♀, October 10, 13, 16; 1 ♂ juv., October 10; 1 ♂ juv. fere pull., October 16, 1902. (No. 154 parent bird.)

Approuague : 2 ♂♂ imm., December 11, 17, 1902.

Roche-Marie : 1 ad., November 10, 1902.

"Iris seal" (juv. pull., "greyish"), "feet dusky yellow" ("dusky buff," "buffy," in juv. pull. "yellowish"), "bill above blackish, below horny" ("below horny-yellowish," "below whitish," in pull. "dusky").

Nos. 27, 28, 86, 153, 154, 666, 1127, 1150, 1275.

♂♂ : al. $60\frac{1}{2}$; caud. $56\frac{1}{2}$ — $54\frac{1}{2}$; culm. $12\frac{3}{4}$ — $12\frac{1}{2}$; tars. $21\frac{3}{4}$ — $21\frac{1}{2}$ mm.

♀ : al. 58; caud. 54; culm. $13\frac{1}{2}$; tars. $21\frac{1}{2}$ mm.

[Cayenne (Buffon), Sclater collection in Mus. Brit., Mus. Hein.]

15. *Basileuterus mesoleucus* ScL.

Basileuterus mesoleucus Sclater, *P.Z.S.* 1865. p. 286 ("Demerara"—typ. in Mus. Brit.)

Approuague : 2 ♂♂ ad., December 8, 12, 1902.

Iponsin, R. Approuague : 1 ♀ ad., December 29, 1902.

"Iris seal, feet buff-yellow ('pale buff-yellow'), bill black ('blackish'), pale at base of mandible."

Nos. 1039, 1136, 12892.

♂♂ ad. : al. 63—60; caud. 56— $53\frac{1}{2}$; culm. $13\frac{3}{4}$ — $11\frac{3}{4}$; tars. $21\frac{1}{2}$ — $20\frac{3}{4}$ mm.

The Cayenne specimens agree with others from R. Carimang (Brit. Guiana), Orinoco, and Pará.

B. mesoleucus had not yet been mentioned as a species inhabiting Cayenne.

? [16. *Setophaga ruticilla* (Linn.).

Motacilla Ruticilla Linne, *Syst. Nat.* ed. x. 1 (1758). p. 186 (ex Catesby—typ. ex Virginia (Catesby).

"Cayenne" (Buffon).]

FAMILY TROGLONIDÆ.*

17. *Pachysylvia pectoralis* (ScL.).

Hylophilus pectoralis Sclater, *P.Z.S.* 1866. p. 321 (deser. orig. Matto Grosso, coll. Natterer—excl. hab. Rio Janeiro!—typ. in Sclater collection, Mus. Brit.).

Cayenne : 4 ♂♂ ad., October 18, November 3, December 17, 19; 2 ♀♀ ad., October 31, November 29; 1 ♂ juv., October 16, 1902.

* List of species not yet recorded from Cayenne, but likely to occur there :

1. *Vireosylva calidris* (L.). West Indies—Brit. Guiana.

2. *Vireo chiri* (Vieill.). Brit. Guiana—Brazil (generally distributed).

3. *Pachysylvia thoracica griseiventris* (Berl. & Hart.). Brit. Guiana—Orinoco (*P. thoracica*—Brazil).

4. *Pachysylvia hyporantha* (Pelz.). Rio Içanna and Rio Vaupé, N. Brazil,

Roche-Marie: 2 ♂♂ ad., November 13; 1 ♀ ad., November 10; 1 ♂ juv., November 10; 1 juv., November 10; 1 ♀ juv., November 10, 1902.

"Iris sepia ('dark chestnut'), feet pale grey ('♂, dusky flesh-colour'), bill dusky ('blackish') above, paler below."

Nos. 143, 200, 417, 488, 661, 663, 664, 665, 747, 748, 969, 1153, 1154.

♂♂: al. $56\frac{3}{4}$ —52; cand. $47\frac{3}{4}$ — $44\frac{1}{2}$; culm. $12\frac{3}{4}$ — $12\frac{1}{2}$; tars. $17\frac{3}{4}$ — $16\frac{1}{2}$ mm.

♀♀: al. $55\frac{1}{2}$ —54; cand. $46\frac{1}{2}$ — $44\frac{1}{2}$; culm. $12\frac{3}{4}$ — $12\frac{1}{4}$; tars. $17\frac{3}{4}$ — $17\frac{1}{2}$ mm.

These birds are apparently not different from specimens collected by Miss Suethlage at Monte Alegre, on the northern bank of the Amazonas.

[Cayenne (Selater collection in Mus. Brit.).]

18. *Pachysylvia luteifrons* (Sel.).

Hylophilus luteifrons Selater, *Ibis* 1881. p. 208 (typ. ex Bartica Grove, Brit. Guiana, coll. Whitely—in Mus. Brit.).

Ipousin, R. Appronague: 1 ♂, January 5; 1 ♀ December 30; and 1 ♀, December 29, 1902.

"Iris seal, feet grey ('slate-grey'), bill above blackish, below pale grey."

Nos. 12891, 12905, 13014.

♂: al. $58\frac{1}{2}$; cand. $42\frac{1}{2}$; culm. $14\frac{1}{2}$; tars. $14\frac{3}{4}$ mm.

♀♀: al. $54\frac{1}{2}$ —54; cand. $40\frac{1}{2}$ —39; culm. $13\frac{3}{4}$ — $12\frac{3}{4}$; tars. $14\frac{3}{4}$ mm.

These specimens agree with examples from British Guiana, collected by the late H. Whitely, jun. *P. luteifrons* is new to the fauna of Cayenne.

[19. *Vireolanus leucotis chlorogaster* Bp.

[*Malacometus leucotis* Swainson, *Anim. in Menag.* (1838) p. 341 (hab. "Africa?"—errore—hab. substit. Cayenne).]

Vireolanus chlorogaster Bonaparte, *Comptes Rendus* xxxviii. (1854) p. 361 (typ. in Mus. Brit. ex Cayenne).

Cayenne (Mus. Brit.).]

20. *Cyclorhis gujanensis* (Gml.).

Tanagra gujanensis Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 893 (ex Buff—"Gujaua" se. Cayenne).

Cayenne: 2 ♂♂ ad., October 16, 22; 1 ♀ ad., November 29; 1 juv. fere pull., October 22, 1902.

"Iris orange, feet greyish, bill dusky, slate at base of mandible." Pull: "Iris dusky, feet greyish flesh, bill dusky, greyish at base of mandible."

Nos. 155, 279, 970, 280.

♂♂ ad.: al. $72\frac{1}{2}$ — $67\frac{1}{2}$; cand. $51\frac{1}{2}$; culm. $18\frac{1}{4}$ — $17\frac{1}{4}$; tars. $21\frac{1}{4}$ — $20\frac{1}{2}$ mm.

♀ ad.: al. 75; cand. $57\frac{1}{2}$; culm. $17\frac{1}{4}$; tars. $21\frac{3}{4}$ mm.

[Cayenne (Selater collection in Mus. Brit.).]

FAMILY MOTACILLIDAE.

21. *Anthus lutescens* Puch. subsp.?

Anthus lutescens Pucheran, *Arch. Mus. Paris* vii. (1855) p. 343 ("Brésil," coll. Delalande in Mus. Paris—habit. typ. restrict. Rio).

1. *rufus* *autorum*

Cayenne: 1 ♂ ad., October 13, 1902.

"Iris seal, feet dusky buff, bill maxilla blackish, mandible pale." No. 94.

The two outermost tail-feathers in this specimen are apparently wanting, therefore it is impossible to say if it belongs to true *A. lutescens*, or to a subspecies alluded to by Hellmayr, *Nov. Zool.* 1906. p. 307.

FAMILY *HIRUNDINIDAE*.*

[22. *Tachycineta albiventer* (Bodd.).

Hirundo albiventer Boddaert, *Tabl. Pl. Enl.* (1783) p. 32 (ex Daubent. *Pl. Enl.* 546. f. 2. typ. ex Cayenne).

Cayenne (Buff., Mus. Hein., Mus. H. v. B.).

Oyapoc (Jelski coll. in Selater coll., Mus. Brit.).]

[23. *Atticora fasciata* (Gml.).

Hirundo fasciata Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 1022 (ex Buff. & Daubent. *Pl. Enl.* 724. f. 2. typ. ex Cayenne).

Cayenne (Selater collection in Mus. Brit.).]

24. *Progne chalybea* (Gml.).

Hirundo chalybea Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 1026 (ex Briss. & Buff. typ. ex Cayenne).

Cayenne : 1 ♀ juv., November 2, 1902.

"Iris seal, feet blackish, bill black." No. 452.

[Cayenne (Buff., Briss.) Oyapoc (Jelski coll. in Selater collection, Mus. Brit.).]

25. *Progne tapera* (Linn.).

Hirundo tapera Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 345 ("America"—hab. substit. Brasil septr. or. ex Maregrave).

R. Approuague : 1 ♂ jr., 1 ♀, December 11, 13, 1902.

"Iris seal, feet blackish, bill black." Nos. 1120, 12696.

♂ jr. and ♀ : al., 125½; cand. 64—59½; culm. 12½; tars. 13¾—13 mm.

[26. *Stelgidopteryx ruficollis* (Vieill.).

Hirundo ruficollis Vieillot, *Nouv. Dict. d'Hist. Nat.* xiv. (1817) p. 523 (typ. ex "Brésil"—hab. substit. Rio Janeiro).

Cayenne (Selater collection in Mus. Brit.).]

FAMILY *COEREBIDAE*.

27. *Dacnis cayana* (Linn.).

Motacilla cayana, Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 336 excl. syn. Hernandez (ex Briss.—Cayenne).

Cayenne : 6 ♂♂ ad., October 13; November 2, 4, 22 (two), December 2; 4 ♀♀ ad., October 21, November 24, 29 (two); 1 ♀ ? December; 3 ♂♂ jrs., November 22, 28, December 4, 1902.

* Other *Hirundinidae*, not yet recorded from Cayenne, but likely to be found there, are :

1. *Cotile riparia* (Linn.) : Amazonas and U.S.
2. *Hirundo erythrogaster* (Bodd.) : Pará and U.S.
3. *Progne subis* (Linn.) : Pará, Bahia, and U.S.
4. *Atticora cyanoleuca* (Vieill.) : Bahia—Brit. Guiana.
5. *Atticora jucata* (Tem.) : S. Brazil and Roraima.
6. *Petrochelidon pyrrhonota* (Vieill.) : Argentina, S. Brazil, Bogotá, and U.S.

Roche-Marie: 1 ♂ ad., November 11; 1 ♀ ad., November 24; 1 ♂ imm., November 11, 1902.

Nos. 98, 469, 504, 709, 851, 852, 997, 1017, 710, 891, 956, 249, 704, 887, 978, 979, 1155.

♂♂: al. $63-57\frac{1}{2}$; caud. $42\frac{1}{2}-38\frac{1}{2}$; culm. $12\frac{1}{2}-10\frac{3}{4}$; tars. $15-14\frac{1}{2}$ mm.

♀♀: al. $60\frac{1}{4}-57$; caud. $42-38\frac{3}{4}$; culm. $11\frac{3}{4}-11\frac{1}{4}$; tars. $14\frac{3}{4}-14\frac{1}{2}$ mm.

[Cayenne (Briss.—Buff.—♂ ♀, Sclater collection in Mus. Brit., coll. Deplanches (*fide* Bp.), Mus. Hein.]

[28. *Dacnis angelica* Bp.*

[*Dacnis angelica* "De Filippi" Bonaparte, *Atti sesta Riun. Sc. Ital.* 1844 (1845) p. 404 nota (deser. ♂ ad. "ex Brasilia").]

Dacnis melanotis Strickland, 1851.

Cayenne (Sclater collection in Mus. Brit., coll. Deplanches—*fide* Bp.).]

29. *Dacnis bicolor* (Vieill.).

Sylvia bicolor Vieillot, *Ois. d'Am. Sept.* ii. (1807) p. 32 (loc. ignot. in Mus. Vieillot—habit. substit. Cayenne).

Dacnis plumbea autorum.

Cayenne: 7 ♂♂ ad., October 10, 11 (two), 13 (two), 14 (two); 2 ♀♀ ad., November 14, December 2; 4 ♀♀ juv., October 10, 11, 16, 22; 1 juv., October 16, 1902.

"Iris hazel, feet greyish flesh-colour ('drab'), bill above blackish, below dusky drab" (♀ juv., "below yellowish pale").

Nos. 26, 76, 77, 95, 96, 122, 123, 757, 1005, 43, 78, 144, 145, 269.

♂♂: al. $62\frac{1}{2}-60\frac{1}{2}$; caud. $47\frac{1}{2}-41$; culm. $11\frac{3}{4}-11\frac{1}{4}$; tars. $18\frac{3}{4}-16\frac{3}{4}$ mm.

♀♀: al. $59-56\frac{1}{2}$; caud. $45\frac{1}{2}-41$; culm. $11\frac{3}{4}-8\frac{3}{4}$; tars. $17\frac{1}{2}-16\frac{1}{2}$ mm.

30. *Dacnis speciosa* (Wied).

Sylvia speciosa Wied, *Beitr. Natg. Bras.* iii. 2. (1831) p. 708 (typ. ex Prov. Rio Janeiro in Am. Mus. N. H. New York).

Cayenne (Sclater collection in Mus. Brit., † coll. Deplanches—*fide* Bp.).]

[31. *Chlorophanes spiza* (Linn.).

Motacilla spiza Linné, *Syst. Nat.* ed. x. 1. (1758) p. 188 (ex Edwards—typ. ex Surinam), excl. var. β.

Cayenne (Sclater collection in Mus. Brit., coll. Deplanches—*fide* Bp.).]

32. *Cyanerpes cyanea* (Linn.).

Certhia cyanea Linné, *Syst. Nat.* ed. xii. 1. (1766) p. 188 (ex Edw. & Briss.—"habitat in Brasilia, Cayana"—hab. typ. select. Cayenne ex Bris.).

Cayenne: 2 ♂♂ ad., November 29; 1 ♂ adol., December 2; 2 ♀♀ ad., October 22, November 29, 1902.

♂♂, "Iris seal, feet vermilion, bill black."

♀♀, "Feet maroon ('madder brown'), bill black."

Nos. 977, 986, 1000, 284, 976.

* The earliest name for this species is perhaps *Dacnis lineata* (Gml.): *Motacilla lineata* Gmelin, *Syst. Nat.* ed. xiii. 1 (1788), p. 990 (ex Buff., *Hist. Nat., Ois.* 5. p. 342. Pipit a coëffe bleue—typ. ex Cayenne. Gmelin's description is erroneous, but that of Buffon is quite recognisable).

† Sub nomine *D. analis*.

♂ ♂ : al. $63\frac{1}{2}$ —62 ; caud. $37\frac{1}{2}$ — $34\frac{1}{2}$; culm. $18\frac{3}{4}$ — $17\frac{3}{4}$; tars. $13\frac{1}{2}$ — $12\frac{3}{4}$ mm.

♀ ♀ : al. $60\frac{1}{2}$ —59 ; caud. $37\frac{1}{2}$ — $34\frac{3}{4}$; culm. $20\frac{3}{4}$ —19 ; tars. 13— $12\frac{3}{4}$ mm.

[Cayenne (Sclater collection in Mus. Brit., coll. Deplanches—*fide* Bp.).]

33. *Cyanerpes coerulea* (Linn.).

Certhia caerules Linne, *Syst. Nat.* ed. x. 1 (1758) p. 118 (ex Edwards t. 21 fig. super.—typ. ex Surinam).

Cayenne : 2 ♂ ♂ ad., November 28, 29, 1902 ; 1 ♀ ad., November 24, 1902.

Ipousin, R. Approuague : 1 ♂ ad., December 28, 1902.

♂ ♂, " Iris seal, feet canary-yellow, bill black, claws black."

♀, " Iris seal, feet bright oil-green, bill black."

Nos. 957, 968, 12873, 890.

♂ ♂ : al. $56\frac{1}{2}$ — $55\frac{1}{4}$; caud. 29— $27\frac{1}{2}$; culm. $21\frac{1}{2}$ — $19\frac{3}{4}$; tars. $13\frac{1}{2}$ — $12\frac{1}{2}$ mm.

♀ : al. $51\frac{1}{2}$; caud. 26 ; culm. $19\frac{3}{4}$; tars. $12\frac{3}{4}$ mm.

[Cayenne (Sclater collection in Mus. Brit., coll. Deplanches—*fide* Bp.).]

34. *Coereba chloropyga* (Cab.) subsp.

Certhiola chloropyga Cabanis, *Mus. Hein.* i. (1851) p. 97 (typ. ex Bahia in Mus. Hein.).

Ipousin, R. Approuague : 2 ♂ ♂ ad., January 6, 1903.

Ile le Père : 2 ♀ ♀ ad., October 24, 25 ; 1 ♂ juv., October 24 ; 2 ♀ ♀ juv., October 24, 25, 1902.

" Iris mars brown ('dusky,' 'seal'), feet plumbeous ('slate'), bill blackish ('black')."

♂ ♂ : al. $55\frac{3}{4}$ — $49\frac{3}{4}$; caud. $30\frac{1}{2}$ — $26\frac{1}{2}$; culm. $12\frac{3}{4}$ — $12\frac{1}{4}$; tars. $15\frac{1}{2}$ — $14\frac{1}{2}$ mm.

♀ ♀ : al. $54\frac{1}{2}$; caud. $31\frac{3}{4}$; culm. $12\frac{3}{4}$; tars. $14\frac{1}{2}$ mm.

Nos. 315, 316, 317, 338, 339, 13024, 13025.

The Cayenne specimens as a rule show the backs a little darker, more blackish, and the nropygium a little more yellowish than specimens from Bahia, but some individuals are hardly distinguishable from Bahia examples. They are evidently somewhat intermediate between *C. chloropyga* and *C. guianensis*.

[Cayenne and Oyapoc (Sclater collection in Mus. Brit.).]

FAMILY TANAGRIDAE.*

[35. *Procnias coerulea* (Vicill.).

Tersina caerules Vieillot, *Nouv. Dict.* xxxiii. (1819) p. 401 ("Brésil et du Pérou"—habit. restrict. Rio, Brazil).

Procnias tersa autorum.

Cayenne (Sclater collection in Mus. Brit., Mus. H. v. B., coll. Deplanches—*fide* Bp.).]

36. *Euphonia violacea* (Linn.).

Fringilla violacea Linne, *Syst. Nat.* ed. x. (1758) i. p. 182 (hab. in calidis regionibus, typ. in Mus. Ad. Frid.—hab. substit. Surinam).

Cayenne : 5 ♂ ♂ ad., October 18, November 26, December 2 ; 1 ♂ juv., November 26, 1902.

* The following *Tanagridae*, not yet recorded from Cayenne, are likely to be found there :

1. *Chlorephonia* sp. { *Chl. viridis*—Bahia.
 Chl. roraimae—Roraima.
2. *Euphonia nigricollis* (Vicill.) : Bahia—Roraima.
3. *Euphonia xanthogastra* Sundev. : Bahia—Brit. Guiana.
1. *Piprida melanota* (Vicill.) : Bahia—Venezuela.
5. *Tachyphonus luctuosus* Lafr. & D'Orb. : Brit. Guiana—Tocantins.

Roche-Marie : 1 ♂ ad., November 10, 1902.

Rio Approuague : 2 ♂ ♂ ad., December 10, 1902.

"Iris seal, feet slate-grey, bill black, plumbeous at base of mandible."

♂ ♂ ad. : al. $59\frac{3}{4}$ — $56\frac{1}{2}$; caud. 33 — $30\frac{1}{2}$; culm. $9\frac{3}{4}$ — $8\frac{1}{2}$; tars. $15\frac{3}{4}$ — $13\frac{3}{4}$ mm.

Nos. 195, 196, 674, 927, 928, 995, 1097, 1138, 934.

[Cayenne (Slater collection in Mus. Brit.—coll. Deplanches (*vide* Bp.)—Mus. H. v. B.).]

37. *Euphonia chlorotica* (Linn.).

Tanagra chlorotica Linne, *Syst. Nat.* ed. xii. (1766) i. p. 317 (ex Briss.—Cayenne).

Cayenne : 5 ♂ ♂ ad., October 22, November 15 (two), November 26, 1 ♀ ad., November 15, 1902.

"Iris seal, feet slate, bill black, plumbeous at base of mandible."

♂ ♂ ad. : al. $54\frac{3}{4}$ — 52 ; caud. $33\frac{1}{2}$ — $30\frac{1}{2}$; tars. $13\frac{3}{4}$ — $12\frac{1}{2}$ mm.

♀ : al. $52\frac{1}{2}$; caud. $31\frac{1}{2}$; tars. $12\frac{3}{4}$ mm.

Nos. 288, 776, 777, 926.

[Cayenne (Slater collection in Mus. Brit.—Mus. H. v. B.).]

[38. *Euphonia olivacea* (Desm.).

Euphonia olivacea Desmarest, *Hist. Nat. Tang.* (1805) Pl. xxvii. (descr. ♀—typ. ex Cayenne).

Cayenne (Slater collection in Mus. Brit.), coll. Deplanches (*vide* Bp.).]

? [39. *Euphonia rufiventris* (Vieill.).

Tanagra rufiventris Vieillot, *Nouv. Diet.* xxxiii. (1819) p. 426 (loc. ignot. et "Brésil").

Oyapoc, Cayenne (Salvin-Godman collection in Mus. Brit.).]

[40. *Euphonia cayana* (Linn.).

Tanagra cayana Linne, *Syst. Nat.* ed. xii. 1. (1766) p. 315 (ex Briss.—hab. Cayenne et Edw.).

Cayenne (Slater collection and Salvin-Godman collection in Mus. Brit., Mus. H. v. B., coll. Deplanches—*vide* Bp.).]

[41. *Tanagrella velia* (Linn.).

Motacilla velia Linne, *Syst. Nat.* ed. x. 1. (1758) p. 188 (ex Edw. typ. ex Surinam).

Cayenne (Slater collection in Mus. Brit., Mus. H. v. B., coll. Deplanches—*vide* Bp.).]

? [42. *Tanagrella iridina* Hartl.

Tanagra iridina Hartlaub, *Rev. Zool.* (1841) p. 305 (typ. ex Moyobamba, Peru in Mus. Bremen).

Oyapoc, Cayenne (Salvin-Godman collection in Mus. Brit.).]

This locality is most probably erroneous.

[43. *Calospiza paradisea* (Sws.). *

Aglaia paradisica Swainson, *Class. Birds* ii. (1837) p. 298 (ex Daubent. *Pl. Enl.* 127. f. 1.—typ. ex Cayenne).

C. tatao antorum.

Cayenne (Slater collection in Mus. Brit., Mus. H. v. B.).]

* *Tanagra viridis* Müller, (1776) based on Daubenton's Pl. 7. fig. 1, which is our species with the tail of another bird attached to it, as Buffon himself asserts, should not come in use.

[44. *Calospiza punctata* (Linn.).

Tanagra punctata Linne, *Syst. Nat.* ed. xii. 1. (1766) p. 316 (ex Briss. & Edw. hab. in India orientali—ex Briss.—errore!—hab. typ. Surinam (ex Edw.)).

Cayenne (Sclater collection in Mus. Brit., Mus. H. v. B., coll. Deplanches—*fide* Bp.).

Oyapoc (coll. Jelski—*fide* Scl.).]

[45. *Calospiza virescens* (Scl.).

? *Tanagra varia* P. L. S. Müller,* *Natursyst. Suppl.* (1776) p. 158 (ex Daubent. pl. 301. fig. 1. hab. Cayenne),

Calliste virescens Sclater, *Contr. Orn.* 1851. p. 22. pl. 69. f. 1. et p. 56 (typ. ex Cayenne—in Mus. Brit.).

C. graminea auctorum.

Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit., Mus. H. v. B.).]

46. *Calospiza cayana* (Linn.).

Tanagra cayana Linne, *Syst. Nat.* ed. xii. 1. (1766) p. 315 (ex Briss.—“Cayenne”).

Cayenne; 3 ♀♀ ad., October 28, November 15, 24; 4 ♀♀ juv., October 28, November 4, 18, 1902.

Ile le Père: 2 ♀♀ ad., October 24, 25, 1902.

“Iris sepia (‘mars brown’), feet light slate, bill above blackish, ‘below slaty.’”

Nos. 362, 342, 781, 812, 886, 365, 515, 816, 818.

[Cayenne (Sclater collection in Mus. Brit., Mus. Hein., Mus. H. v. B.).]

47. *Calospiza gyrola* (Linn.).

Fringilla Gyrola Linne, *Syst. Nat.* ed. x. (1760) p. 181 (ex Edwards pl. 23.—typ. ex Surinam).

Ipousin, R. Approuague: 1 ♂ juv., December 29, 1902.

“Iris seal, feet slate-grey, bill blackish, drab at base of mandible.” No. 12894.

[Cayenne (Sclater collection in Mus. Brit., Mus. H. v. B.).]

? [48. *Calospiza brasiliensis* (Linn.).

Tanagra brasiliensis Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 316 (ex Briss.—“Brasilia”—Mus. Réaumur).

Cayenne (Sclater collection in Mus. Brit.).

The locality “Cayenne” is most probably erroneous.]

49. *Calospiza mexicana* (Linn.).

Tanagra mexicana Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 315 excl. syn. Hernand. [Cayenne ex Briss. nec Mexico (Hernand.)].

C. flaviventris auctorum.

Cayenne: 1 ♂ ad., November 1; 1 ♂?, November 9, 1902; 2 ♂♂ jrs., December 19, 1902.

“Iris seal, feet slate, bill black.” Nos. 448, 649, 1151, 1152.

* Müller’s description, although probably based on Daubenton’s plate 301. fig. 1. (which clearly represents our species) is erroneous, and might have been intended for another species (for instance *C. punctata*).

Al. $72\frac{1}{2}$ —72 ; caud. $53\frac{1}{2}$ — $50\frac{1}{2}$; culm. $11\frac{1}{2}$ — $10\frac{1}{2}$; tars. 17— $15\frac{1}{2}$ mm.

[Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit.—coll. Deplanches, *vide* Bp.).]

50. *Tanagra episcopus* Linn.

Tanagra Episcopus Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 316 (ex Briss.—“*Brasilia*,” errore !—hab. substit. Cayenne—“*Mus. Réaumur*”).

Cayenne : 3 ♂♂ ad., October 18, 29, November 28 ; 4 ♀♀ ad., October 17, November 27, 28, 29 ; 1 ♀ jr., November 3, 1902.

Approuague : 1 ♂ ad., December 17, 1902.

[Cayenne (Sclater collection in Mus. Brit., coll. Deplanches (*vide* Bp.), Mus. H. v. B.).]

“Iris seal, feet plumbeous, bill above black, below plumbeous, dusky at tip.”

Nos. 175, 186, 397, 482, 944, 954, 962, 971, 12742.

A female obtained November 27 was “breeding.”

♂♂ : al. $93\frac{1}{2}$ — $86\frac{1}{2}$; caud. $66\frac{1}{2}$ — $61\frac{1}{2}$; culm. 17— $14\frac{1}{2}$; tars. $20\frac{3}{4}$ —19 mm.

♀♀ : al. 91—87 ; caud. $65\frac{3}{4}$ — $60\frac{1}{2}$; culm. $15\frac{3}{4}$ — $15\frac{1}{4}$; tars. $20\frac{1}{2}$ — $19\frac{3}{4}$ mm.

51. *Tanagra palmarum melanoptera* Scl.

[*Tanagra palmarum* Wied, *Reise Brasil.* ii. (1821) p. 76 (typ. ex Brasil. merid. or. in *Am. Mus. N. H.* New York).

Tanagra melanoptera Sclater, *P. Z. S.* 1856. p. 235 (Eastern Peru, etc.).

Cayenne : 4 ♂♂ ad., October 10, 16, 29, November 3 ; 1 ♀ ad., November 3, 1902.

Approuague : 1 ♂ ad. and 1 ♀ ad., December 6, 1902. Nos. 24, 139, 395, 419, 480, 1019, 1020.

♂♂ ad. : al. 97— $95\frac{1}{2}$; caud. $74\frac{1}{2}$ — $69\frac{1}{2}$; culm. $15\frac{1}{4}$ — $14\frac{3}{4}$; tars. $21\frac{3}{4}$ — $20\frac{1}{2}$ mm.

♀♀ ad. : al. 96— $89\frac{1}{2}$; caud. $72\frac{1}{2}$ — $65\frac{1}{2}$; culm. $15\frac{1}{4}$ — $14\frac{3}{4}$; tars. $21\frac{1}{2}$ — $20\frac{3}{4}$ mm.

? [52. *Tanagra ornata* Sparrm.

Tanagra ornata Sparrmann, *Mus. Carls.* (1787) pl. 95 ; “Cayenne” (coll. Deplanches—*vide* Bp.).

This locality is probably erroneous.

53. *Ramphocelus carbo* (Pall.).

Lanius Carbo Pallas in Vroeg, *Cat. rais. d'Oiseaux Adumbrat.* (1764) p. 2 (typ. ex Surinam).

R. jacapa autorum.

Cayenne : 2 ♂♂ ad., October 22, November 2, 1902.

Ile le Père : 2 ♂♂ ad., October 23, 24, 1902.

Roche-Marie : 2 ♂♂ ad., November 6, 10, 1902.

Approuague : 1 ♂ ad., December 10, 1902.

“Iris hazel (seal), feet slate (blackish), bill blackish, plumbeous at base of mandible (‘above blackish, below greyish slate, dusky at tip’).”

Nos. 283, 298, 466, 559, 677, 809, 1093.

♂♂ ad. : al. $83\frac{1}{2}$ — $77\frac{1}{2}$; caud. $82\frac{1}{2}$ — $70\frac{1}{2}$; culm. $18\frac{1}{2}$ — $16\frac{1}{2}$; tars. $20\frac{3}{4}$ — $19\frac{1}{2}$ mm.

[Cayenne (Sclater collection), Oyapoc (Salvin & Godman collection) in Mus. Brit.—coll. Deplanches (*vide* Bp.).]

? [54. *Piranga saira* (Spix).]

Tanagra saira Spix, *Av. Bras.* ii. (1825) p. 35. pl. 48. fig. 1 ♀ (loc. ignot.—habit. substit. Rio Janeiro).

Cayenne (coll. Deplanches—*fide* Bp.) an = *P. haemalea* Salv. & Godm. ?.]

[55. *Cyanicterus cyanicterus* (Vieill.).]

Pyranga cyanicterus Vieillot, *Nour. Dict.* xxviii. (1819) p. 290 ("Am. mérid."—habit. substit. Cayenne)—Mus. Temminck.

Cayenne (Mus. Brit.—Mus. H. v. B.).]

56. *Lanio atricapillus* (Gml.).

Tanagra atricapilla Gmelin, *Syst. Nat.* ed. xiii. 1 (1788) p. 899 (ex *Pl. Enl.* 809. fig. 2.—Cayenne).

Iponsin, R. Appronague : 1 ♀ ad., December 30, 1902.

"Iris seal, feet dusky grey, bill above blackish, below dusky slate." No. 12913.

[Cayenne (Selater collection in Mus. Brit.—coll. Deplanches (*fide* Bp.) Mus. H. v. B.).]

57. *Tachyphonus rufus* (Bodd.).

Tanagra rufa Boddaert, *Tabl. Pl. Enl.* (1783) p. 44 (ex Daubent. *Pl. Enl.* 711 = ♀. typ. ex Cayenne).

Cayenne : 3 ♂♂ ad., November 4, 5, 19 ; 4 ♂♂ adolesc. (with slight remains of rufous in the plumage) October 21, 29, November 2, 8, 1902.

Ile le Père : 1 ♀ ad., October 24, 1902.

Roche-Marie : 1 ♀, with nest and two eggs, November 12, 1902.

♂♂ : "Iris seal, feet black, bill black, greyish at base of mandible."

♀♀ : "Iris seal, feet slate, bill blackish slate, lighter at base of mandible."

Nos. 254, 376, 453, 508, 551, 622, 823, 314, 719.

♂♂ ad. : al. $88\frac{1}{2}$ — $85\frac{1}{2}$; cand. 83 — $77\frac{1}{2}$; culm. $19\frac{3}{4}$ — $18\frac{1}{2}$; tars. $23\frac{1}{2}$ — $22\frac{1}{2}$ mm.

♀♀ ad. : al. 81 — $77\frac{1}{2}$; cand. 74 — $72\frac{3}{4}$; culm. $19\frac{1}{2}$ — $18\frac{3}{4}$; tars. $23\frac{3}{4}$ — $23\frac{1}{2}$ mm.

[Cayenne (Jelski leg., Salvin & Godman coll. in Mus. Brit.—coll. Deplanches (*fide* Bp.).]

[58. *Tachyphonus phoeniceus* Sws.]

Tachyphonus phoeniceus Swainson, *Anim. in Menag.* (1838) p. 311 loc. ignot. coll. Horsfield, hab. substit. Peruv. or.).]

Cayenne (Mus. Brit.).

59. *Tachyphonus cristatus* (Linn.).

Tanagra cristata Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 317 (ex Briss. typ. ex Cayenne).

Iponsin, R. Appronague : ♀ juv. December 30, 1902.

"Iris seal, feet slate-grey, bill above dusky, below pale greyish." No. 12904.

[Cayenne (Buff.), Salvin & Godman coll. in Mus. Brit., coll. Deplanches (*fide* Bp.).]

60. *Tachyphonus surinamus* (Linn.).

Turdus surinamus Linne, *Syst. Nat.* ed. xii. i. (1766) p. 297 (ex Briss., typ. ex Surinam).

Ipousin, R. Approuague: 1 ♂ ad., January 7, 1903.

"Iris seal, feet slate, bill black, slate-grey at base of mandible." No. 13045.

[Cayenne (Briss.), Jelski leg., Salvin & Godman collection in Mus. Brit., coll.

Deplanches (*vide* Bp.), Mus. Hein., Mus. H. v. B.

Oyapoc (Salvin & Godman collection in Mus. Brit.).]

[61. *Eucometis penicillata* (Spix).

Tanagra penicillata Spix, *Av. Bras.* ii. (1825) p. 36 tab. xlix. fig. 1 (loc. ignot.—habit. substit. Fonteboa, Amazonas—typ. in Mus. Mouac.).

Cayenne (Sclater collection in Mus. Brit.).]

62. *Nemosia pileata* (Bodd.).

Tanagra pileata Boddaert, *Tabl. Pl. Enl.* (1783) p. 45 (ex Daubent. *Pl. Enl.* 720 fig. 2. typ. ex Cayenne).

Cayenne: 2 ♂♂ ad., November 22, and 1 ♀ ad., December 19, 1902.

"Iris lemon-yellow, feet dusky ochre-yellow, bill black." Nos. 863, 864, 1144.
♀: "bill slate above, yellowish below."

♂♂ ad.: al. 69—65½; caud. 47½—46½; culm. 12¾; tars. 17¼ mm.

♀ ad.: al. 70; caud. 46¾; culm. 12¾; tars. 18¼ mm.

Cayenne (Buff.), coll. Deplanches (*vide* Bp.).]

[63. *Nemosia guira* (Linn.).

Motacilla Guira Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 335 ex Maregr. etc. typ. ex "Brasilia," habit. substit. Pernambuco (Maregr.).

Cayenne (Sclater collection in Mus. Brit., Mus. H. v. B., Mus. Vindob.).]

[64. *Nemosia flavicollis* Vieill.

Nemosia flavicollis Vieillot, *Nouv. Dict.* xxii. (1818) p. 491 (ex 'Amér. mérid.'—hab. substit. Cayenne).

Cayenne (Sclater collection in Mus. Brit.).

Oyapoc (Salvin & Godman collection in Mus. Brit.).]

65. *Arremon silens* (Bodd.).

Tanagra silens Boddaert, *Tabl. Pl. Enl.* (1783) p. 46 (ex Daubent. *Pl. Enl.* 742—typ. ex Cayenne).

Ipousin, R. Approuague: 1 ♂ ad., December 30; 2 ♀♀ December 29, 1902, January 5, 1903.

Cayenne: 1 ♀ ad., November 26, 1902.

"Iris seal, feet dusky flesh-colour (grey), bill black." Nos. 12914, 932, 12890, 13007.

♂: al. 74½; caud. 66½; culm. 13¾; tars. 25½ mm.

♀♀: al. 72—68; caud. 60¾—56½; culm. 13¾; tars. 24½—23½ mm.

[Cayenne (Sclater collection in Mus. Brit., Mus. H. v. B.); Oyapoc (Salvin & Godman collection in Mus. Brit.).]

[66. *Saltator maximus* (Müll.).

Tanagra maxima Müller *Natursyst. Suppl.* (1776) p. 159. ex Buff., Daubent. *Pl. Enl.* 205 (typ. ex Cayenne).
S. magnus antorum.

Cayenne (Selater collection in Mus. Brit., in Mus. Vindob. ex Becoeur.)]

[67. *Lamprospiza melanolenca* (Vieill.).

Saltator melanoleucus Vieillot, *Nouv. Dict.* xiv. (1817) p. 105 "l'Amérique méridionale," hab. substit. Cayenne).

Cayenne (Selater collection in Mus. Brit.).]

[68. *Cissopis leveriana* (Gml.).

Lanius leverianus Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 302 ex Latham loc. ignot.—hab. substit. Cayenne).

Cayenne (ex Latham).]

69. *Schistochlamys atra* (Gml.).

Tanagra atra Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 898 (ex Danbent. *Pl. Enl.* 714. fig 2.—typ. ex Cayenne).

Cayenne : 2 ♂ ad., November 15 ; 1 ♂ jr., November 22 ; 1 ♀ jr., November 29 ; 1 ♂ juv., November 15, 1902.

"Iris hazel, feet slate, bill basal half plumbeous, tip blackish." ♂ juv. :
 "Iris sepia, feet slate-grey, bill dusky blackish, slightly paler below." Nos. 798, 799, 872, 860, 797.

♂ ♂ ad. : al. $80\frac{1}{2}$ — $79\frac{3}{4}$; caud. $75\frac{1}{2}$ — $74\frac{3}{4}$; culm. $15\frac{1}{4}$; tars. 23— $22\frac{1}{2}$ mm.

[Cayenne (Selater collection in Mus. Brit.—Mus. H. v. B.).]

70. *Pitylus grossus* (Linn.).

Loria grossa Linne, *Syst. Nat.* ed. xii. (1766) p. 307 ("America" ex Brisson—loc. substit. Cayenne).

Iponsin, R. Appronagne : 1 ♂ ad., December 24, 1902.

"Iris seal, feet slate, bill poppy-red." No. 12784.

Al. 102 ; cand. $90\frac{1}{2}$; culm. $20\frac{1}{4}$; tars. $23\frac{1}{2}$ mm.

[Cayenne (Selater collection in Mus. Brit.—Mus. Vindob. ex Becoeur) ; Oyapoc (Salvin & Godman, coll. in Mus. Brit.).]

[71. *Pitylus erythromelas* (Gml.).

Loxia erythromelas Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 859 (ex Lath., typ. ex Cayenne).

Cayenne (Selater collection in Mus. Brit.).]

[72. *Pitylus canadensis* (Linn.).

Loxia canadensis Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 304 (ex Briss. "Cayenne" nec Canada Linne (errore !)

Cayenne (Selater collection and Salvin & Godman collection in Mus. Brit.).]

FAMILY FRINGILLIDAE.*

73. *Guiraca rothschildi* Bartl.

Guiraca rothschildi Bartlett, *Ann. & Mag. N. H.*, August 1890, p. 168 (typ. ex R. Carimang, Brit. Guiana in Mus. Triug).

Iponsin, R. Approuague : 1 ♂ ad., January 6, 1903.

"Iris seal, feet blackish, bill black, slate at base of mandible." No. 13027.

Al. 81 ; cand. 64 ; culm. $18\frac{3}{4}$; tars. $19\frac{1}{2}$ mm.

This bird generally agrees with specimens from Rio Carimang, Brit. Guiana in Mns. H. v. B.

[Oyapoc, Cayenne (coll. Jelski—Salvin & Godman collection and Cayenne (Selater collection) in Mus. Brit.)]

74. *Oryzoborus angolensis brevirostris* snbsp. n.

Loxia angolensis Linne, *Syst. Nat.* ed. xii. i. 1 (1766) p. 303 (ex Edw.—"Angola"—errore !—habit substit. Ceara, Brazil !).

Oryzoborus torridus auctorum.

O. angolensis brevirostris, *O. angolensis* dicto ex Brasil. or. simillimus, differt rostro brevius minus crasso. Hab. Cayenne (typ. in Mus. Triug, coll. Cherrie, No. 862).

Cayenne : 4 ♂♂ ad., November 15, 22, 24, 27, 1902.

Roche-Marie : 3 ♂♂ ad., November 5, 10, 12 ; 2 ♀♀ ad., November 8, 13 ; ♂ imm., November 11, 1902.

"Iris dark chestnut, feet blackish ('slate'), bill black."

♀♀ : "bill above black, pale at base below." ♂ imm. : "Iris dusky."

♂♂ ad. : al. $60\frac{3}{4}$ — $56\frac{3}{4}$; cand. $56\frac{1}{2}$ —53 ; culm. $14\frac{1}{2}$ — $13\frac{1}{4}$; tars. $16\frac{1}{2}$ — $15\frac{1}{2}$ mm.

♀♀ ad. : al. 56 ; cand. 51 ; culm. $14\frac{1}{2}$ — $14\frac{1}{4}$; tars. $15\frac{3}{4}$ — $15\frac{1}{2}$ mm.

Nos. 537, 675, 720, 795, 862, 885, 948, 632, 706, 749.

The "Black Gros-Beak" of Edwards is the base for *Loxia angolensis* Linn. In *Nor. Zool.* ix. 1902. p. 25, Berlepsch and Hartert have substituted "Surinam" as the typical locality for this species, which Edwards believed to have come from Angola. Nevertheless it now appears to me that Edwards' bird must have come from Brazil, and consequently I have substituted "Ceara, Brazil" as the typical locality for it. In fact, there are other cases where Edwards says that his birds have come from the "Portuguese Settlements" on the coast of Angola, while in reality they were of Brazilian origin (as in the case of *Guiraca cyanea*). Also Edwards' figure looks more like the thick billed Brazilian form of this species.

Cayenne specimens as well as those from British Guiana, Upper Amazons and Colombia differ from the birds coming from Bahia and Rio, in having a much shorter and altogether smaller bill. It also seems to me that northern birds, as a rule, have the abdomen of a somewhat darker chestnut, and have the white alar speculum less extended. But these differences are not constant, I think.

* The following *Fringillidae*, not yet mentioned from Cayenne, are likely to be found there :

1. *Oryzoborus crassirostris* (Gml.). Brit. Guiana—Pará (Snethlage).
2. *Sporophila gutturalis* (Licht.). Brit. Guiana—Pará.
3. *Sporophila plumbea* (Wied). Brazil (Pará) or *S. plumbea whitelyana* Sharpe. Brit. Guiana.
4. *Euthenia fuliginosa* (Wied). Brit. Guiana—Bahia.
5. *Sycalis flaveola* (Linn.). Brit. Guiana—Bahia.
6. *Serinopsis arvensis minor* Cab. Brit. Guiana, or *S. arvensis chapmani* Allen, Pará.
7. *Pseudochloris citrina* Pelz. Roraima and S. Brazil.
8. *Coryphospingus pileatus* (Wied). Orinoco—Bahia.

[75. *Sporophila grisea* (Gml.).

Loria grisea Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 857 (ex Buff.—“Virginia” errore!—hab. subst. Cayenne, aut. Berl. & Hart.).

Cayenne (Sclater collection in Mus. Brit.).]

76. *Sporophila minuta* (Linn.).

Loria minuta Linne, *Syst. Nat.* ed. x. 1. (1758) p. 176 (typ. ex Surinam).

Cayenne : 8 ♂♂, October 21, 28, November 1 (two), 2 (two), 15, 19; 2 ♀♀ ad., October 22, November 2, 1902.

Roche-Marie : 2 ♂♂ ad., November 6 (two); 3 ♂♂ juv., November 6, 11, 12, 1902; 1 ♀ ad., November 12, 1902.

“Iris seal, feet black, bill black.” 1 ♂ juv. : “Iris dark chestnut.” ♀♀ and ♂♂ juv. : “Feet slaty grey, bill above blackish, below dusky” (“pale at basē”)

Nos. 252, 364, 434, 435, 462, 463, 571, 573, 790, 828, 572, 287, 461, 713, 721, 722.

♂♂ ad. : al. $52\frac{3}{4}$ —49; caud. 44 — $39\frac{1}{2}$; culm. $9\frac{1}{4}$ — $8\frac{3}{4}$; tars. $14\frac{1}{4}$ — $13\frac{1}{2}$ mm.

♀♀ ad. : al. 52 —48; caud. 43 — $39\frac{1}{2}$; culm. $9\frac{3}{4}$ — $9\frac{1}{2}$; tars. $13\frac{3}{4}$ mm.

These birds agree with a ♂ ad. from Surinam in Mus. H. v. B.

[Cayenne (Sclater collection in Mus. Brit., coll. Deplanches—Bp.).]

[77. *Sporophila castaneiventris* Cab.

Sporophila castaneiventris Cabanis, in Schomb. *Reise Brit. Guiana* iii. (1848) p. 679 (typ. ex Cumaca, Brit. Guiana).

Cayenne (*fide* Bonaparte).]

[78. *Sporophila americana* (Gml.).

Loria americana Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 863. ex Lath. “Amerika”—hab. subst. Cayenne, aut. Hellm.).

Cayenne (Becoer in Mus. Vindob., Mus. Hein.).]

79. *Sporophila misya* (Vieill.).

Lora misya Vieillot, *Ois chanteurs* (1805) p. 75. pl. 46 (typ. ex Cayenne in Mus. Vieillot).
S. lineata autorum.*

Cayenne : 6 ♂♂ ad., October 14, 18, 22, 29, November 2; 5 ♂♂ juv., October 16 (two), 18, 22 (two), November 29 (two); 3 ♀♀ ad., October 22 (two), 31, November 8, 1902.

Ile le Père : 2 ♂♂ ad., October 25 (two), 1902.

Roche-Marie : 1 ♂ ad., November 5; 1 ♀ ad., November 8, 1902.

“Iris seal, feet blackish, bill black.” 1 ♂ juv. : “Iris dark chestnut, feet slate, bill blackish.”

Nos. 128, 331, 332, 394, 467, 542, 129, 194, 291, 973, 140, 289, 290, 292, 293, 631, 399, 974.

♂♂ ad. : al. 60—56; caud. $50\frac{1}{2}$ —45; culm. $11\frac{3}{4}$ — $10\frac{3}{4}$; tars. $15\frac{3}{4}$ mm.

♀♀ ad. : $56\frac{1}{2}$ — $55\frac{1}{2}$; caud. 47—46 $\frac{1}{2}$; culm. $12\frac{1}{2}$ — $11\frac{3}{4}$; tars. $16\frac{1}{4}$ — $15\frac{1}{2}$ mm.

[Cayenne (Sclater coll. in Mus. Brit., Mus. H. v. B.).]

* I think it impossible to recognise *Loria lineata* Gml. (ex Latham), described from a living bird with a “white bill.”

80. *Sporophila lineola* (Linn.).

Loria lineola Linne, *Syst. Nat.* ed. x. i. (1758) p. 174 ("Asia"—errore—hab. subst. Surinam autore. Berl. & Hart.).

Cayenne: 9 ♂♂ ad., October 31, November 2, 3, 4 (three), 1902.

Roche-Marie: 4 ♂♂ ad., November 6 (three), 12; 1 ♀ ad., November 12, 1902.

♂♂ ad.: "Iris dark chestnut, feet dusky slate, bill black." ♀: "Iris chestnut, feet slate, bill above olive, below olive-yellow."

Nos. 419, 470, 486, 514, 513, 520, 574, 575, 576, 775, 728, 788, 993, 729.

♂♂ ad.: al. $60\frac{1}{2}$ — $56\frac{1}{2}$; cand. 48 — $45\frac{1}{2}$; culm. $9\frac{1}{2}$ — $8\frac{1}{2}$; tars. $14\frac{3}{4}$ — $13\frac{1}{2}$ mm.

♀ ad.: al. $52\frac{3}{4}$; cand. $43\frac{1}{2}$; culm. $8\frac{1}{2}$; tars. $13\frac{1}{2}$ mm.

[Cayenne (Selater collection in Mus. Brit., coll. Deplanches—*vide* Bp.), Mus. H. v. B.).]

81. *Volatinia jacarina splendens* (Vieill.).

[*Tanagra jacarina* Linne, *Syst. Nat.* ed. xii. i. 1 (1766) p. 314 (Brasilis).]

Fringilla splendens Vieillot, *Nouv. Dict.* xii. (1817) p. 173 (typ. ex Cayenne).

Cayenne: 3 ♂♂ ad., October 17, 18, 10; 3 ♂♂ hornot., October 13, 17, November 15; 1 ♀ ad., October 11; 3 (♀♀) unsexed, October 29, November 3, 1902.

"Iris seal, feet dusky plumbeous (grey), bill above blackish (dusky), below grey (plumbeous grey), or blackish or greyish white, dusky at tip." ♀♀: "Bill above dusky, below pale."

An adult male from October 17, and other males which are not quite mature, have the posterior under wing-coverts partly white, thus inclining to true *V. jacarina*.

Nos. 735, 157, 199, 44, 787, 156, 108, 59, 396, 489, 817.

♂♂ ad.: al. $51\frac{1}{2}$ —49; cand. $46\frac{1}{2}$ — $43\frac{3}{4}$; culm. $10\frac{3}{4}$ — $10\frac{1}{4}$; tars. $15\frac{3}{4}$ — $14\frac{3}{4}$ mm.

♀♀ ad.: al. $51\frac{1}{2}$ — $49\frac{1}{2}$; cand. 45 — $44\frac{1}{2}$; culm. $10\frac{1}{2}$ — $9\frac{3}{4}$; tars. $15\frac{1}{2}$ — $13\frac{3}{4}$ mm.

[Cayenne (Selater collection in Mus. Brit., coll. Deplanches—*vide* Bp.).]

[82. *Sycalis flaveola* (Linn.).

Fringilla flaveola Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 321 (ex loc. ignot. Mus. de Geer—hab. subst. Surinam, autore Berl. & Hart.).]

83. *Myospiza manimbe* (Licht.).

Fringilla manimbe Lichtenstein, *Verz. Doubl.* (1823) p. 25 (Bahia—typ. in Mus. Berol.).

Cayenne: 3 ♂♂ ad., October 21, November 15, 25; 5 ♀♀ ad., October 21, 28, November 15, 21, 24; 1 ♂? November 24; 3 ♂♂ juv., November 15 (two), 18; 1 ♀ juv., November 25; 1 juv. (not sexed), November 22, 1902.

"Iris fawn-colour, feet dusky flesh-colour, bill blackish above, greyish horn-colour below" ("below greyish"). ♀ and ♂♂ jr.: "Iris sepia."

Nos. 250, 251, 363, 792, 842, 878, 879, 909, 911, 794, 793, 821, 910, 858.

♂♂ ad.: al. $56\frac{1}{2}$ — $55\frac{1}{2}$; cand. $44\frac{3}{4}$ — $40\frac{1}{2}$; culm. $13\frac{1}{4}$ — $12\frac{1}{2}$; tars. $19\frac{1}{2}$ — $18\frac{1}{2}$ mm.

♀♀ ad.: al. $56\frac{1}{2}$ —51; cand. $46\frac{1}{2}$ — $41\frac{3}{4}$; culm. $12\frac{3}{4}$ — $11\frac{3}{4}$; tars. 19 — $17\frac{1}{2}$ mm.

Cayenne specimens as a rule seem to be darker, and may have shorter wings than the Bahia birds.

[Cayenne (Selater collection in Mus. Brit.).]

[84. *Emberizoides macrourus* (Gml.).

Fringilla macroura Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 918 (ex Latham—Cayenne).

Cayenne (Selater collection in Mus. Brit.).]

[85. *Spiza americana* (Gml.).

Emberiza americana Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 872 (ex Penn. Arct. Zool. "in Noveboraco").

Cayenne (Mus. Brit.).]

[86. *Coryphospingus cucullatus* (Müll.).

Fringilla cucullata P. L. S. Müller, *Natursyst. Suppl.* (1776) p. 166. (ex Daubent. *Pl. Enl.* 181, fig. 1 typ. ex Cayenne).

Cayenne (Buffon).]

[87. *Paroaria gularis* (Linn.).

Tanagra gularis Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 316 (ex Briss. "America"—hab. subst. Cayenne).

Cayenne (Selater collection in Mus. Brit., coll. Deplanches—*fide* Bp., Mus. H. v. B.).]

[88. *Paroaria nigrogenys* (Lafr.).

Nemosia nigrogenys Lafresnaye, *Rev. Zool.* 1846. p. 273 ("Embouchure de l'Orénoque").

Cayenne (Selater collection in Mus. Brit.).]

FAMILY ICTERIDAE.*

[89. *Xanthornus decumanus* Pall.

Xanthornus decumanus Pall., *Spic. Fasc.* vi. (1769) p. 1. (typ. ex Surinam).

Cayenne (coll. Deplanches, *fide* Bp.).]

90. *Xanthornus viridis* (Müll.).

Oriolus viridis Müller, *Natursyst. Suppl.* (1776) p. 87 (ex Daubent. *Pl. Enl.* 328—typ. ex Cayenne).

Ipousin, R. Approuague : 3 ♀ ♀ ad., December 29 (three), 1902.

"Iris azure blue, feet black, bill basal half pea-green, distal half orpiment orange."

Nos. 12898, 12897, 12896.

♀ ♀ : al. 201½—186 ; caud. 140—132 ; culm. 53—46½ ; tars. 46—42½ mm.

[Cayenne (Mus. Brit.), coll. Deplanches (*fide* Bp.).]

91. *Cacicus cela* (Linn.).

Parus Cela Linne, *Syst. Nat.* ed. x. (1758) p. 191 ("in Indiis"—errore!—hab. substit. Surinam, aut. Hellmayr).

C. persicus auctorum.

Approuague : 5 ♂ ♂ ad., December 6, 10 (two), 11, 12 ; 5 ♀ ♀ ad., December 9, 10, 13, 17, 18 (two), 1902. Roche-Marie ; 1 ♂ ad., November 8, 1902.

"Iris pale blue, feet black, bill primrose-yellow."

Nos. 1101, 1134, 635, 1111, 1026, 1100, 1082, 1099, 12766, 12764, 12743.

♂ ♂ : al. 160½—151½ ; caud. 106—102 ; culm. 39½—35¾ ; tars. 32½—31½ mm.

♀ ♀ : al. 131½—128 ; caud. 92½—90½ ; culm. 32½—30¾ ; tars. 28½—26½ mm.

[Cayenne (Salvin & Godman collection in Mus. Brit., coll. Deplanches (Bp.).]

* The following *Icteridae*, not yet recorded from Cayenne, are likely to be found there :

1 *Icterus croconotus* Wagl. Brit. Guiana—Lower Amazonas.

2, *Lamprosar tanagrinus* (Spix). Surinam (Mus. Hein.), Brit. Guiana (Schomburgk).

[92. **Cacicus haemorrhous** (Linn.).

Oriolus haemorrhous Linne, *Syst. Nat.* ed. xii. i. (1766) p. 161 (ex Briss. hab. Brasilia et Cayenne—hab. select. : Cayenne (aut. Berl. & Hart.)).

Cayenne (Selater collection and Salvin & Godman collection in Mus. Brit., Mus. Philada.).]

[93. **Cassidix oryzivora** (Gml.).

Oriolus oryzivorus Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 386 (ex Lath.—typ. ex Cayenne).

Cayenne (Latham.).]

[94. **Dolichonyx oryzivorus** (Linn.).

Enderiza Oryzivora Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 311 (ex Catesb., Edw., Briss.—typ. ex Cuba).

Cayenne (Selater coll. in Mus. Brit., Mus. Philada.).]

95. **Molothrus bonariensis atronitens** Cab.

[*Tanagra bonariensis* Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 898. ex Buff. hab. in "Bonaria" (Argentina).]

Molothrus atronitens Cab. in Schomb. *Reise Brit. Guiana* iii. (1848) p. 682 (Brit. Guiana, "Küste")

Cayenne: 1 ♂ ad., October 10, 1902. "Iris seal, feet black, bill black." No. 25.

Al. 100; caud. $72\frac{3}{4}$; culm. 19; tars. $26\frac{1}{2}$ mm.

[Oyapoc, Cayenne (Jelski leg).]

96. **Agelaeus icterocephalus** (Linn.).

Oriolus icterocephalus Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 163 (ex Briss.—typ. ex Cayenne—and Edwards).

Cayenne: 2 ♂♂ ad., October 11 (two); 5 ♀♀ ad., October 11 (two), November 28 (two), December 17, 1902.

♂♂, "Iris seal, feet black, bill above black, below dusky plumbeous."

♀♀, "Iris seal, feet dusky ('slate black'), bill dusky ('slate black')." Nos. 70, 71, 68, 69, 963, 964, 1149.

♂♂: al. 84—83; caud. $65-64\frac{1}{2}$; culm. $19\frac{1}{2}$; tars. $24\frac{3}{4}$ mm.

♀♀: al. $79\frac{1}{2}-71$; caud. $62\frac{1}{2}-56$; culm. $17\frac{1}{2}-16\frac{1}{2}$; tars. $23\frac{3}{4}-22\frac{3}{4}$ mm.

[97. **Agelaeus frontalis** Vieill.

Agelaius frontalis Vieillot, *Nour. Dict. d'Hist. Nat.* vol. xxxiv. (1819) p. 545 (typ. ex Cayenne).

Cayenne (Salvin & Godman collection in Mus. Brit., coll. Deplanches—Bp., Mus. Philada.).

[98. **Leistes militaris** (Linn.).

Tanagra militaris Linne, *Syst. Nat.* ed. x. (1758) p. 178 ("America"—hab. substit. Surinam, ant. Berl. & Hart.).

Cayenne (Salvin & Godman collection and Selater collection in Mus. Brit.).]

? [99. **Leistes superciliaris** (Bp.).

Tropialis superciliaris Bonaparte, *Consp. Av.* i. (1850) p. 430 ("Mexico"—errore! habit. substit. Mattogrosso (Natt.).

Cayenne (Mus. Philada.).]

[100. *Gymnomystax mexicanus* (Linn.).

Oriolus mexicanus Linne, *Syst. Nat.* ed. xii. 1. (1766) p. 162 (ex Briss.—Mexico errore!—hab substit. Cayenne aut. Berl. & Hart.).
G. melanicterus antonn.

Cayenne (Mus. Philada.).]

[101. *Icterus chryscephalus* (Linn.).

Oriolus chryscephalus Linne, *Syst. Nat.* ed. xii. 1. (1766) p. 164 (ex Brisson—"Amérique"—habit. subst. Cayenne, aut. Berl. & Hart.).

Cayenne (Selater collection in Mus. Brit., Mus. Philada.).]

[102. *Icterus cayanensis* (Linn.).

Oriolus cayanensis Linne, *Syst. Nat.* ed. xii. 1. (1766) p. 163 (ex Edw. & Briss. ex "Cayenne"—excl. hab. St. Thomas).

Cayenne (Selater collection in Mus. Brit., coll. Deplanche—*fulv* Bp., Mus. Philada.).]

[103. *Icterus xanthornus* (Gml.).

Oriolus Xanthornus Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 391 pt. (excl. syn. Edwards et hab. Jamaica ex Briss. et Buff.—"Mexico"—errore—hab. Cayenne (ex Buff.)).

Cayenne (Selater collection and Salvin & Godman collection in Mus. Brit., Mus. Philada.).]

[104. *Quiscalus lugubris* Sws.

Quiscalus lugubris Swainson, *Anim. in Menag.* (1838) p. 299 ("Brazil" errore!—hab. subst. Brit. Guiana, aut. Berl. & Hart.).

Cayenne (Selater collection and Salvin & Godman collection in Mus. Brit.).]

FAMILY CORVIDAE.

[105. *Cyanocorax cayanus* (Linn.).

Corvus cayanus Linne, *Syst. Nat.* ed. xii. 1. (1766) p. 157 (ex Briss. hab. in "Cayana").

Cayenne (Briss., Selater collection in Mus. Brit.).]

FAMILY TYRANNIDAE.*

[106. *Copurus leuconotus* Lafr.

Copurus leuconotus Lafresnaye, *Rev. Zool.* 1842, p. 335 ("hab. in Bolivia"—errore! hab. substit. Colombia).

Cayenne (Selater collection and coll. Rothery in Mus. Brit.).]

* The following species of Tyrannidae, not yet recorded from Cayenne, are likely to occur there:

1. *Knipolegus pusillus* Scl. & Salv. Orinoco—Lower Amazons.
2. *Machetornis rixosa* (Vieill.). Venezuela—Bahia.
3. *Sisopygia icterophrys* (Vieill.). Venezuela—Bahia.
4. *Pyrocephalus rubinus* (Bodd.). Brit. Guiana—Lower Amazons.
5. *Myiodynastes solitarius* (Vieill.). Brit. Guiana—Pará—Bahia.
6. *Myiarchus tuberculifer tricolor* Pelz. Venezuela—Bahia.
7. *Rhynchocyclus flaviventris* (Wied.). Brit. Guiana—Pará—Bahia.
8. *Platyrhynchus griseiceps* Salv. Brit. Guiana—Lower Amazons.
9. *Platyrhynchus mystaceus* (Vieill.). Brit. Guiana—Bahia.
10. *Hapalocercus uclorophus* (Wied.). Orinoco—Bahia.
11. *Habura pectoralis brevipennis* Berl. & Hart. Brit. Guiana—Orinoco. (*H. pectoralis* S. Brazil).
12. *Elania viridicata* (Vieill.). Venezuela—Bahia.
13. *Ornithion cinerascens* (Wied.). Brit. Guiana—Bahia.
14. *Leptopogon amaurocephalus* Cab. Brit. Guiana—Bahia.
15. *Oryzopsis* sp. ? (*O. cristatus* Sws.—S. Brazil. *O. hypoleucus* Salv. & Godm.—Brit. Guiana).

[107. **Fluvicola pica** (Bodd.).

Muscicapu pica Boddaert, *Tabl. Pl. Enl.* (1783) p. 42 (ex Daubent. *Pl. Enl.* 675. f. 1.—typ. ex Cayenne).

Cayenne (Sclater collection and Jardin coll. in Mus. Brit.—Mus. H. v. B.).]

[108. **Arundinicola leucocephala** (Linn.).

Pipra leucocephala Linne, *Mus. Ad. Frid. II. Prodr.* (1764) p. 33 (typ. ex Surinam in *Mus. Ad. Frid.* cf. *Syst. Nat.* ed. xii. p. 340).

Cayenne (Sclater collection in Mus. Brit.).]

[109. **Ochthornis littoralis** (Pelz.).

Elainca littoralis Pelzeln, *Oru. Bras.* (1868) pp. 103, 180 ("Rio Mamoré, Madeira."—typ. select. Ria Mamoré in Mus. Vindob.).

Oyapoc (coll. Jelski in Sclater collection, Mus. Brit.).]

[110. **Muscivora tyrannus** (Linn.).

Muscicapa tyrannus Linne, *Syst. Nat.* ed. xii. i. (1766) p. 325 (ex Brisson—"Canada," errore ! et "Cayenne"—habit. typ. select. Cayenne).

Cayenne (*fide* Brisson & Vieillot, *Ois. Am. Sept.*).]

111. **Tyrannus dominicensis vorax** Vieill.

[*Lanius Tyrannus β dominicensis* Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 302 (ex Brisson typ. ex "S. Domingo").]

Tyrannus vorax Vieillot, *Nouv. Dict. d'Hist. Nat.* xxxv. (1819) p. 90 (typ. ex "Martinique").

Tyrannus rostratus Sel. 1864.

Cayenne: 1 ♂ ad., November 18, 1 ♀ ad., October 16, 1902.

"Iris seal, feet black, bill black." Nos. 141, 813.

♂: al. 115; caud. $93\frac{1}{2}$; culm. $30\frac{3}{4}$; tars. $19\frac{3}{4}$ mm.

♀: al. 114; caud. $92\frac{1}{2}$; culm. $31\frac{1}{2}$; tars. $19\frac{3}{4}$ mm.

These specimens agree perfectly with my skins from Grenada, Sta. Lucia, and Dominica.

M. Sclater, when describing his *T. rostratus*, gave the habitat as "in ins. Trin. et in Guiana," but afterwards he changed the habitat of his specimen into "Martinique(?)."

112. **Tyrannus melancholicus** Vieill.

Tyrannus melancholicus Vieillot, *Nouv. Dict. d'Hist. Nat.* xxxv. (1819) p. 84 (ex Azara—"Paraguay").

Cayenne: 2 ♂ ad., October 10, 21, 1902; 1 juv. without date.

♂♂: al. 111—109; caud. 98— $93\frac{1}{2}$; culm. $25\frac{1}{2}$ — $24\frac{3}{4}$; tars. $17\frac{1}{4}$ — $16\frac{3}{4}$; caud. furca 17—15 mm.

Nos. 22, 236, 824.

Cayenne birds agree perfectly with specimens from Bahia, Brazil. Specimens from Southern Brazil (Sta. Catharina, Rio Grande do Sul) and Argentina as a rule are larger, have the throat of a darker ashy grey and the upper breast darker greenish.

[Cayenne (coll. Deplanches—*fide* Bp.).]

[113. **Empidonomus varius** (Vieill.).

Muscicapa varia Vieillot, *Nouv. Dict. d'Hist. Nat.* xxi. (1818) pp. 458, 459 (ex Azara—Paraguay).

Cayenne (Mus. Vindob. ex H. Becoeur).]

114. *Legatus albigollis* (Vieill.).

Tyrannus albigollis Vieillot, *Nouv. Dict. d'Hist. Nat.* xxxv. (1819) p. 89 (ex Azara—Paraguay).

Cayenne: 4 ♂♂ ad., November 25, 26, 28, 29, 1902; 1 ♀ November 25, 1902, "nesting."

Tortue, R. Approuague: 1 ♂ ad., January 12, 1903.

"Iris seal, feet black, bill black."

Nos. 906, 907, 933, 961, 987, 13068.

♂♂: al. $82\frac{1}{2}$ — $78\frac{1}{2}$; cand. $60\frac{1}{2}$ — $56\frac{1}{2}$; culm. $12\frac{1}{2}$ — $11\frac{3}{4}$; tars. $15\frac{3}{4}$ — $14\frac{3}{4}$ mm.

♀: al. 75; cand. 55; culm. $11\frac{1}{2}$; tars. $13\frac{3}{4}$ mm.

Specimens from Cayenne agree perfectly with others from British Guiana, Guicara (Orinoco), Orinoco-Delta, Bogota collections, Upper Amazons and Veragua, while the birds from Bahia and S. Paulo have a little longer wings and tails. Specimens from Guatemala are the same as those from Brazils, but the birds from Mexico (*L. albigollis variegatus* ScL.) are much larger.

[Cayenne (Buffon, ScLeter collection in Mus. Brit.).]

115. *Myiodynastes maculatus* (Müll.).

Muscicapa maculata P. L. S. Müller, *Natursyst. Suppl.* (1776) p. 169 (ex Daubent. *Pl. Enl.* 453 f. 2—typ. ex Cayenne).

M. audax autorum.

Cayenne: 2 ♂♂ ad., October 29, December 17; 1 ♀ ad., October 16; 1 ♂ juv. (molting), December 19; 1 ♀ juv. (molting), December 18, 1902.

"Iris seal, feet slate, bill blackish, pale at base of mandible."

Nos. 138, 381, 1146, 1147, 1148.

[Cayenne (coll. Jelski, Salvin & Godman collection and ScLeter collection in Mus. Brit.—coll. Deplanche (f. Bp.), Mns. Hein.)]

♂♂: al. $107\frac{1}{2}$ — $106\frac{3}{4}$; cand. $85\frac{1}{2}$ — $83\frac{1}{2}$; culm. $22\frac{1}{2}$ — $22\frac{1}{4}$; tars. $18\frac{3}{4}$ — $18\frac{1}{4}$ mm.

♀♀: al. $101\frac{1}{2}$ — $99\frac{1}{2}$; cand. $83\frac{1}{2}$ —76; culm. $23\frac{1}{2}$ — $22\frac{3}{4}$; tars. $18\frac{3}{4}$ — $18\frac{1}{2}$ mm.

116. *Megarhynchus pitangua* (Linn.).

Lanius Pitangua Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 136 (ex Briss. typ. ex "Brésil").

Cayenne: 1 ♀ ad., October 18, 1902.

"Feet blackish, bill black." No. 184.

The internal crest is yellow (as in the male), not rufous.

117. *Coryphotriccus parvus* (Pelz.).

Pitangus parvus Pelzeln, *Zur Orn. Bras.* (1868) pp. 111, 181 (typ. ex Marabitanas, Rio Negro—in Mus. Vindob.).

Cayenne: 1 ♂ very young, December 16, 1902. No. 1143.

[Oyapoc (ScLeter collection in Mus. Brit.).]

118. *Pitangus sulphuratus* (Linn.).

Lanius sulphuratus Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 137 (ex Briss.—typ. ex Cayenne).

Cayenne: 1 ♂ ad., November 19; 2 ♀♀ ad., October 22, December 4, 1902.

Approuague: 3 ♂♂ ad., December 8, 17, 19; 1 ♀ ad., December 11, 1902.

"Iris dark chestnut (1 ♀: 'seal'), feet black ('slate-black'), bill black."

Nos. 268, 825, 1908, 1062, 1118, 12750, 12779.

♂♂ ad. : al. $114\frac{1}{2}$ — $108\frac{1}{2}$; caud. $87\frac{1}{2}$ —89 ; culm. $29\frac{3}{4}$ — $27\frac{1}{4}$; tars. $25\frac{3}{4}$ — $23\frac{1}{2}$ mm.
 ♀♀ ad. : al. 107 — $104\frac{1}{2}$; caud. 81—79 ; culm. $29\frac{1}{4}$ — $27\frac{1}{4}$; tars. $23\frac{3}{4}$ — $23\frac{1}{2}$ mm.
 [Cayenne (Brisson).]

[119. *Pitangus lictor* (Licht.).

Lanius lictor Lichtenstein, *Verz. Doubl.* (1823) p. 49 (ex "Para"—typ. in Mus. Berol.).

(Cayenne (Mus. Hein.—Heine & Reichenow).)]

120. *Myiozetetes cayanensis* (Linn.).

Muscicapa cayanensis Linne, *Syst. Nat.* ed. xii. 1 (1788) p. 327 (ex Briss.—typ. ex Cayenne).

Cayenne : 2 ♂♂ ad., 19, 21 November ; 2 ♀♀ ad., October 17, December 2, 1902.

Roche-Marie : 4 ♂♂ ad., November 5, 8, 10 (*bis*) ; 1 ♀ ad., November 11, 1902.
 " Iris seal, feet black, bill black."

Nos. 174, 549, 624, 660, 661, 694, 826, 834, 999.

♂♂ ad. : al. 89— $83\frac{1}{2}$; caud. 74 — $67\frac{1}{2}$; culm. $16\frac{1}{4}$ — $14\frac{1}{2}$; tars. $18\frac{1}{2}$ — $17\frac{1}{4}$ mm.

♀♀ ad. : al. $85\frac{1}{2}$ —82 ; caud. 69—65 ; culm. $15\frac{1}{4}$ — $14\frac{3}{4}$; tars. $19\frac{1}{4}$ — $17\frac{1}{2}$ mm.

[Cayenne (Mus. Brit., Mus. Hein.).]

[121. *Myiozetetes luteiventris* (Scl.).

Elanena luteiventris Selater, *P. Z. S.* 1858. p. 71 (typ. ex "Upper Rio Napo, Prov. Quixos, Ecuador").

Oyapoc, Cayenne (Selater collection in Mus. Brit.).]

122. *Tyrannopsis sulphureus* (Spix).

Muscicapa sulphurea Spix, *Ar. Bras.* ii. (1825) p. 16. Pl. 20 (ex Brasil typ. in Mus. Monac.—hab. substit. Pará).

Cayenne : 1 ♂ ad., November 24, 1902.

Approuague : 1 ♀ ad., December 6, 1902.

" Iris seal, feet slate, bill black." Nos. 889, 1030.

♂ : al. 111 ; caud. 82 ; culm. $19\frac{1}{3}$; tars. $20\frac{1}{2}$ mm.

♀ : al. $105\frac{3}{4}$; caud. $76\frac{1}{2}$; culm. $19\frac{3}{4}$; tars. $20\frac{1}{4}$ mm.

[Cayenne (Mus. Brit.).]

123. *Myiarchus tyrannulus* (P. L. S. Müll.).

Muscicapa tyrannulus P. L. S. Müller, *Natursyst. Suppl.* (1776) p. 169 (ex Daubent. *Pl. Enl.* 571. f. 1—typ. ex Cayenne).

Cayenne : 1 ♂ ad., November 27 ; 4 ♂♂ in much worn plumage (partly moulting), October 27, 28 (two), November 14 ; 2 ♀♀ ad., October 11, 28, 1902.

" Iris seal (1 ♀ ' vandyke '), feet slate (' slate-black,' ' dusky grey '), bill black (' blackish,' black, dusky at base of mandible)."

Nos. 67, 347, 372, 373, 374, 761, 939.

♂♂ ad. : al. 96— $89\frac{1}{2}$; caud. $88\frac{1}{2}$ — $83\frac{3}{4}$; culm. $20\frac{3}{4}$ — $19\frac{3}{4}$; tars. $21\frac{1}{2}$ — $19\frac{3}{4}$ mm.

♀♀ ad. : al. $89\frac{3}{4}$ — $86\frac{1}{2}$; caud. 82— $79\frac{1}{2}$; culm. $20\frac{3}{4}$ — $19\frac{3}{4}$; tars. $21\frac{1}{2}$ — $19\frac{3}{4}$ mm.

[Cayenne (coll. Jelski in Selater collection, Mus. Brit.).]

124. *Myiarchus ferox* (Gml.).

Muscicapa ferox Gmelin, *Syst. Nat.* ed. xiii. i. 1. (1788) p. 934. excl. var. β (ex Brisson—typ. ex. Cayenne).

Cayenne: 1 ♂ ad., November 4; 1 ♀ ad., November 27, 1902.

Roche-Marie: 1 ♂ ad., November 10; 1 ♀ ad., November 10, 1902.

Approuague: 4 ♂♂ ad., December 9, 15, 16, 18; 1 ♀ ad., December 9, 1902.

Ile le Père: 1 ♂ ad., October 24; 1 ♀ ad., October 25, 1902.

"Iris seal ('hazel,' ♀♀, 'vandyke-brown'), feet slate ('blackish,' 'dusky grey'), bill black ('black, dusky at base of mandible')."

Nos. 313, 329, 509, 669, 679, 940, 1068, 1069, 12723, 12741, 12767.

♂♂ ad.: al. 88—85; cand. $89\frac{1}{2}$ —85; culm. $21\frac{3}{4}$ — $19\frac{3}{4}$; tars. $21\frac{3}{4}$ — $20\frac{3}{4}$ mm.

♀♀ ad.: al. $86\frac{1}{2}$ —82; cand. $87\frac{3}{4}$ — $82\frac{3}{4}$; culm. $20\frac{3}{4}$ — $19\frac{3}{4}$; tars. $21\frac{1}{2}$ —20 mm.

[Cayenne (coll. Deplanches—*fide* Bp., Mus. H. v. B.).]

[125. *Myiarchus pelzelni* Berl.

Myiarchus pelzelni Berlepsch, *Ibis* 1883. p. 139 (typ. ex Bahia in Mus. H. v. B.).

Oyapoc (Sclater collection in Mus. Brit.).]

? [126. *Myiochanes cinereus* (Spix).

Platyrrhynchus cinereus Spix, *Av. Bras.* ii. (1825) p. 11. tab. xiii. fig. 2 (in sylvis fl. Amazonum—errore?—habit. substit. Rio de Janeiro).

Syrichtha curtipes Bonaparte (ex Swainson), *Bulletin Soc. Linn. Normandie* 1856-57 (1857) p. 36 (Cayenne).

Cayenne (coll. Deplanches—*fide* Bp.).]

127. *Myiochanes brachytarsus andinus* (Tacz.).

[*Contopus brachytarsus* Sclater, *Ibis* 1859. p. 441 (typ. ex Cordova, Mexico, Sallé leg. in Mus. Brit.).]

Contopus andinus Taczanowski, *P. Z. S.* 1874. p. 539 (typ. ex Junin, C. Peru, Jelski leg., in Mus. Varsov.).

? *Planchesia fuliginosa* Bonaparte (nec *Muscicapa fuliginosa* Gml.?), *Bulletin Soc. Linn. Normandie* 1856-57 (1857) p. 36. descr. orig. (Cayenne).

Cayenne: 4 ♂♂ ad., October 10, 14, 16, December 2; 4 ♀♀ ad., October 10 (two, one had egg in oviduct), 14, 16; 1 ♂ juv., October 20, 1902.

"Iris seal, feet blackish, bill above black, below pale buffy yellowish, dusky at tip ('yellowish with dusky tip below')."

♂ juv. "Iris seal, feet slate, bill above blackish, below pale."

Nos. 34, 35, 48, 126, 127, 146, 147, 226, 1002.

♂♂ ad.: al. $71\frac{3}{4}$ — $70\frac{3}{4}$; cand. 63— $61\frac{1}{2}$; culm. 14— $12\frac{1}{4}$; tars. $13\frac{1}{2}$ — $12\frac{1}{4}$ mm.

♀♀ ad.: al. $68\frac{1}{2}$ — $66\frac{1}{2}$; cand. 59—55; culm. $12\frac{3}{4}$ — $11\frac{3}{4}$; tars. $13\frac{3}{4}$ — $11\frac{1}{2}$ mm.

Specimens from Cayenne agree nearly perfectly with an adult bird from Callacate, N. Peru (coll. J. Stolzmann), which I think must be true *andinus* Tacz. described from Junin, C. Peru. The Callacate bird only differs in having the wings and the tail a little longer. There is no difference between the Cayenne birds and two skins from Puerto Cabello, Venez., in Mus. H. v. B.

Specimens from Guayaquil, W. Ecuador (*M. b. punensis* Lawr.), differ in having a much more elongated bill and in presenting very well-defined and broad white wing-bands on the upper wing-coverts.

A specimen from Vera Paz, Guatemala, which I take to be true *M. brachytarsus*, differs from all the last-named birds in having the pileum of a much browner and the back of a more greenish shade (less blackish on the head and less greyish on the back), and in having the middle line of the breast of a pure yellowish white with no greyish suffusion, the sides of the breast being also more brownish, less greyish. A Bogotá skin seems to agree best with the bird from Guatemala.

As far as I can see, Bonaparte's description of his *Planchesia fuliginosa*, based on specimens collected in Cayenne by M. Deplanches, agrees with Cherrie's specimens; nevertheless an examination of the type-specimen in the Museum at Caen is most desirable. In the case that *Planchesia fuliginosa* Bp. is identical with our species, the generic term *Myiochanes* Cab. & Heine would become a synonym of *Planchesia* Bp.

Muscicapa fuliginosa Gml. ex *Pl. Enl.* 574. f. 1 (= *Muscicapa arausia* P. L. S. Müll.) seems to be quite a different bird. At least I am unable to recognise our *Myiochanes* in the "Gobe-mouche brun de Cayenne" of Buffon and Daubenton.

128. *Empidochanes fuscatus fumosus* subsp. n.

[*Muscipeta fuscata* Pr. Wied, *Beitr. Naturg. Brasil.* 3. ii. (1831) p. 902 (typ. ex Rio Janeiro—in *Ann. Mus. N. H. New York*).]

E. E. fuscato (Wied) affinis differt corpore superiore fumoso vel nigrescenti-brunneo, nec rufescenti-brunneo, fasciis alarum angustioribus rufescenti-olivaceis, nec clare rufis, necnon mandibula nigrescentiore.

Hab. Cayenne—typ. in Mus. Tring. ♂, Cayenne, Cherrie leg. No. 12773.

Cayenne: 1 ♂ ad., November 14; 1 ♀ ad., October 20, 1902.

Approuague: 2 ♂♂ ad., December 11, 19; 2 ♀♀ ad., December 8 (two); 1 ♂ juv. December 9, 1902.

"Iris seal, feet blackish ('slate-grey'); bill black ('slate, blackish, pale at base of mandible')."

Nos. 227, 765, 1033, 1055, 1117, 12773, 1084.

♂♂.: al. $67\frac{3}{4}$ —66; cand. 68—66; culm. $15\frac{1}{2}$ — $14\frac{1}{4}$; tars. $17\frac{1}{2}$ — $16\frac{1}{2}$ mm.

♀♀.: al. 63—62; cand. $61\frac{1}{2}$ — $60\frac{1}{2}$; culm. $14\frac{3}{4}$ — $14\frac{1}{4}$; tars. $17\frac{1}{4}$ — $16\frac{3}{4}$.

The *Empidochanes* from Cayenne has the upper parts of a very dark coloration, being blackish brown or smoke-brown instead of rufous-brown as in true *E. fuscatus* from Bahia. The mandible is also darker, more blackish than in *E. fuscatus*. The rufous wing-bands are generally narrower and darker, more olivaceous rufous-brown instead of clear rufous-brown.

Specimens from Pará agree perfectly with the Cayenne birds, while specimens from the Upper Amazons (Yquitos) and from Alta Gracia on the Orinoco differ in having the abdomen nearly white, but slightly tinged with yellowish. In this way they agree with *E. f. bimaculatus* (Laf. & D'Orb.) from Bolivia and Mattogrosso, but have the upper parts much darker, just as in the Cayenne bird.

E. f. cabanisi (Léot.) from Trinidad, coast region of Venezuela and Colombia (Bogotá collections), has the upper parts of a much clearer olivaceous-brown. It agrees with *E. f. fumosus* in having a blackish mandible.

129. *Myiobius barbatus* (Gml.).

Muscicapa barbata Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 933 (ex Buff. et Daubent. *Pl. Enl.* 830. f. 1—typ. ex Cayenne).

Ipousin, R. Approuague: 2 ♂♂ ad., December 31, 1902, January 5, 1903.

"Iris seal, feet grey, bill above black, below pale."

Nos. 12928, 13010.

♂♂ ad.: al. $63\frac{1}{2}$, $62\frac{1}{2}$; caud. $55\frac{3}{4}$, 55; culm. $11\frac{1}{2}$, $9\frac{3}{4}$; tars. $15\frac{3}{4}$ mm.

[Oyapoc, Cayenne (Selater collection in Mus. Brit.).]

130. *Myiophobus fasciatus* (Müll.).

Muscicapa fasciata P. L. S. Müller, *Natursyst. Suppl.* (1776) p. 172 (ex Buff. et Danbent. *Pl. Enl.* 574. f. 3—typ. ex Cayenne).

Myiobius naevius antorum.

Cayenne: 2 ♂♂ ad., October 14, November 4; 2 ♀♀ ad., November 28, December 2, 1902.

Roche-Marie: 1 ♀ ad., November 5, 1902.

"Iris seal, feet blackish, bill above black, below dusky at tip, pale at base ('above black, dusky pale below')." ♀♀, "bill blackish."

Nos. 110, 512, 540, 966, 998.

♂♂ ad.: al. 58, $57\frac{3}{4}$; caud. $52\frac{3}{4}$, $51\frac{3}{4}$; culm. $12\frac{1}{2}$, $11\frac{1}{2}$; tars. $15\frac{3}{4}$ mm.

♀♀ ad.: al. $56\frac{1}{2}$ —53; caud. $51\frac{3}{4}$ — $48\frac{1}{2}$; culm. 11— $10\frac{1}{4}$; tars. $15\frac{1}{2}$ — $14\frac{3}{4}$ mm.

[Cayenne (coll. Jelski, Salvin & Godman collection in Mus. Brit.).]

131. *Terenotriccus erythrurus* (Cab.).

Myiobius erythrurus Cabanis, in Wiegmann, *Arch. f. Naturg.* 1844. i. p. 249. pl. 5. f. 1 (Guiana et Cayenne—hab. typ. restrict. Brit. Guiana, typ. in Mus. Berol.).

Ipousin, R. Approuague: 1 ♂ ad., January 6, 1903.

"Iris seal, feet slate-grey, bill above dusky, below pale." No. 13033.

Al. $50\frac{1}{4}$; caud. $40\frac{3}{4}$; tars. $14\frac{1}{2}$ mm.

This bird agrees with a specimen from Camacusa, Brit. Guiana (coll. Whitely), in Mus. H. v. B.

[Cayenne (in Mus. Berol.—*vide* Cab. et Licht.).]

[132. *Hirundinea ferruginea* (Gml.).

Todus ferrugineus Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 446 (ex Lath.—typ. ex Cayenne).

Cayenne (Latham).]

[133. *Onychorhynchus coronatus* (Müll.).

Muscicapa coronata P. L. S. Müller, *Natursyst. Suppl.* (1776) p. 168 (ex Buff. et Danbent. *Pl. Enl.* 289—typ. ex Cayenne).

Cayenne (Mus. Brit.), Oyapoc (Salvin & Godman collection in Mus. Brit.).]

134. *Rhynchocyclus sulphureus* (Spix) subsp. ?

Platyrrhynchus sulphureus Spix, *Av. Bras.* ii. (1825) p. 10. part. "♂," tab. xii. fig. 1 (typ. in Mus. Monac. ex "fl. Amazon."—hab. typ. restrict. Rio de Janeiro).

Cayenne: 6 ♂♂ ad., October 18, 20, November 26, 27 (two), December 2, 1902.

Roche-Marie: 1 ♂ ad., November 7, 1902.

"Iris greyish ('grey, pale greyish, drab'), feet slate-grey ('grey'), bill above black, below pale ('below pale, nearly flesh-colour')."

Nos. 191, 224, 591, 923, 950, 952, 1001.

♂♂ ad.: al. $65\frac{1}{2}$ — $60\frac{1}{2}$; caud. 57— $50\frac{1}{2}$; culm. $13\frac{1}{4}$ — $12\frac{1}{2}$; tars. $17\frac{3}{4}$ — $16\frac{1}{4}$ mm.

This species had not yet been recorded as being found in Cayenne. Specimens from S. Paulo, S. Brazil, have longer wings and tail, and present a somewhat brighter green on the back.

135. *Rhynchochrysalis poliocephalus sclateri* Hellm.

[*Rhynchochrysalis poliocephalus* Taczanowski, *Orn. du Pérou* ii. (1884) p. 285 (typ. ex Nauta. coll. Hauxwell, in Mus. H. v. B.).]

Rhynchochrysalis poliocephalus sclateri Hellmayr, *Verh. zool. bot. Gesellsch. Wien* 1903. p. 207 (typ. ex Barra do Rio Negro, Mus. Vindob.).

Cayenne: 2 ♂♂ ad., November 26, 27, and 1 juv., November 26, 1902. Nos. 922, 924, 951.

♂♂ ad.: al. 55—54 $\frac{3}{4}$; caud. 48; culm. 10 $\frac{3}{4}$; tars. 16 $\frac{1}{4}$ —15 $\frac{3}{4}$ mm.

Hellmayr affirms that specimens from Guiana agree with his type from Barra do Rio Negro.

[136. *Ramphotrigon ruficauda* (Spix).

Platyrhynchus ruficauda Spix, *Av. Bras.* ii. (1825) p. 9. pl. 11 f. 1 (typ. in Mus. Monac.—hab. "in sylvis fl. Amazonum."—hab. typ. restrict. Pará).

Cayenne (Sclater collection in Mus. Brit.).]

137. *Platyrinchus saturatus* Salv. & Godm.

Platyrhynchus saturatus Salvin & Godman, *Ibis* 1882. p. 78 (typ. ex Merume Mts., Brit. Guiana. in Mus. Brit.).

Ipousin, R. Approuague: 1 ♂ ad., January 2, 1903.

"Iris seal, feet pale greyish flesh, bill black, cutting edge of mandible pale." No. 12974.

Pl. saturatus is new to the fauna of Cayenne.

[138. *Platyrinchus superciliaris* Lawr.

Platyrhynchus superciliaris Lawrence, *Ibis* 1863. p. 184 (typ. ex Lion Hill, Panama—in Am. Mus. N. H. New York).

Oyapoc, Cayenne (Sclater collection in Mus. Brit.).]

139. *Todirostrum cinereum* (Linn.).

Todus cinereus Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 178 (ex Edwards—typ. ex Surinam).

Cayenne: 1 ♀ ad., November 1, 1902.

Roche-Marie, Cayenne: 2 ♂♂ ad., November 7, 11; 1 ♀ ad., November 12, 1902.

Approuague: 4 ♂♂ ad., December 6 (two), 9, 11; 2 ♀♀ ad., December 6, 12, 1902.

"Iris lemon-yellow, feet slate-grey, bill above black, below pale ('pale at base of mandible')."

Nos. 108, 439, 605, 708, 727, 1023, 1024, 1025, 1119, 1133.

♂♂ ad.: al. 45—41 $\frac{1}{2}$; caud. 36—30 $\frac{1}{2}$; culm. 15 $\frac{3}{4}$ —13 $\frac{3}{4}$; tars. 18 $\frac{3}{4}$ —17 $\frac{3}{4}$ mm.

♀♀ ad.: al. 43 $\frac{1}{2}$ —41 $\frac{3}{4}$; caud. 35 $\frac{1}{4}$ —31 $\frac{3}{4}$; culm. 15 $\frac{3}{4}$ —14 $\frac{3}{4}$; tars. 18 $\frac{1}{2}$ —17 $\frac{3}{4}$ mm.

[Cayenne (Mus. H. v. B., Mus. Hein.).]

140. *Todirostrum maculatum* (Desm.).

Todus maculatus Desmarest, *Hist. Nat. Tang.* (1805) (hab. "Guiane," sc. Cayenne).

Cayenne: 4 ♂♂ ad., October 11 (two), 20, November 4; 1 ♂ jr., October 10; 3 ♀♀ ad., October 10, 11 (two); 1 ♀ jr., October 11, 1902.

Roche-Marie: 4 ♂♂ ad., November 6, 7, 10, 12, 1902.

Ile le Père : October 23 (two), 1902.

"Iris lemon-yellow (ad., Ile le Père, 'orange'), feet plumbeous grey, bill black ('pale at base of mandible'), tip and base of mandible whitish ('pale'), below black, edges whitish ; ♂ jr., No. 726, 'above black, below pale.'"

Nos. 32, 36, 51, 52, 53, 54, 55, 223, 296, 299, 519, 580, 604, 681, 726.

♂ ♂ ad. : al. $47\frac{1}{2}$ — $44\frac{1}{2}$; caud. $37\frac{1}{4}$ — $32\frac{1}{4}$; culm. $15\frac{3}{4}$ — $13\frac{1}{4}$; tars. $17\frac{3}{4}$ — $16\frac{3}{4}$ mm.

♀ ♀ ad. : al. 46— $43\frac{1}{2}$; caud. $37\frac{1}{2}$ — $31\frac{3}{4}$; culm. $15\frac{3}{4}$ — $14\frac{1}{4}$; tars. $17\frac{3}{4}$ — $16\frac{1}{2}$ mm.

[Cayenne (Selater collection in Mus. Brit.—coll. Deplanches, *vide* Bp.).]

[141. *Todirostrum fumifrons penardi* Hellm.]

[*Euscarthmus fumifrons* Hartlaub, *Journ. f. Ornith.* 1853 p. 35 (typ. ex "Brasilia?"—hab. substit. Bahía).

Todirostrum fumifrons penardi Hellmayr, *Bulletin Brit. Orn. Club* xv. no. cxvii. (1905) p. 90 (typ. ex Surinam—Mus. Tring).

St. George, Oyapoc, Cayenne (coll. Jelski—Selater collection in Mus. Brit.).]

142. *Idioptilon rothschildi* Berl.

Idioptilon rothschildi Berlepsch, *Proc. Fourth Intern. Orn. Congress* 1905. p. 356 (typ. ex Cayenne. coll. Cherrie in Mus. Tring).

Iponsin, R. Approuague, January 8, 1903.

"Iris pale yellowish." No. 8057.

Al. 51 ; caud. 45 ; culm. $11\frac{1}{2}$; tars. $15\frac{1}{2}$ mm.

143. *Lophotriccus spicifer* (Lafr.).

Todirostrum spiciferum Lafresnaye, *Rev. Zool.* 1846. p. 363 ("hab. in Brasilia"—hab. typ. substit. Rio Negro).

Iponsin, R. Approuague : 1 ♂ ad., December 26, 1902 ; 1 ♀ jr., January 1, 1903.

"Iris lemon-yellow (♀, 'straw-yellow'), feet greenish flesh (♀, 'grey'), bill black, pale at base of mandible."

Nos. 12836, 12949.

♂ ad. : al. $46\frac{3}{4}$; caud. $38\frac{3}{4}$; tars. $15\frac{3}{4}$ mm.

♀ ad. : al. $42\frac{1}{2}$; caud. $32\frac{3}{4}$; culm. $10\frac{1}{4}$; tars. $13\frac{1}{2}$ mm.

L. spicifer resembles very much *Colopteryx galeatus*, but differs at a glance by having the greater and middle wing-coverts and the tertiaries broadly margined by yellowish white, while they are quite uniform green in *Colopteryx*. Also the former never shows the curious reduction in size of the three first primaries, these being of the normal shape in *L. spicifer*.

There is also a specimen of *L. spicifer* in the Mus. H. v. B., which was collected by M. C. Jelski at St. Laurent, Cayenne, December 24, 1868. The Cayenne birds agree generally with a specimen from Yurimaguas (Huallaga) in Mus. H. v. B.

144. *Colopteryx galeatus* (Bodd.).

Motacilla galeata Boddaert, *Tabl. Pl. Enl.* (1783) p. 24 (ex Daubent. *Pl. Enl.* 391. fig. 1—typ. ex Cayenne).

Cayenne : 3 ♂ ♂ ad., November 14, 24, 27 ; 2 adults without indication of sex, November 7, 25 ; 1 ♂ with moulting primaries, November 7, 1902.

Roche-Marie : 2 ♂ ♂ ad., November 11, 12, 1902.

"Iris lemon-yellow ('seal'), feet greyish ('blackish, greyish flesh'), bill black, pale at base of mandible."

Nos. 592, 703, 712, 737, 768, 858, 901, 938.

♂♂ ad.: al. 47—46½; cand. 44½—38¾; culm. 10¾—9¾; tars. 15¾—13¾ mm.

[Cayenne (Buff.)—Slater collection and coll. Jelski in Salvin & Godman collection, Mus. Brit.].

145. *Capsiempis flaveola* (Licht.).

Muscicapa flaveola Lichtenstein, *Doubl. Verz.* (1823) p. 56 (typ. ex Bahia in Mus. Berol.).

Appronague: 1 ♂ ad., December 19, 1902.

"Iris seal, feet slate-grey, bill black, horny buff at base of mandible."
No. 12776.

Al. 47½; cand. 49; culm. 10¾; tars. 16¼ mm.

[Cayenne (Slater collection in Mus. Brit.).]

This bird, while otherwise agreeing with topotypical specimens from Bahia, has a longer and stronger bill, and perhaps should be called *C. magnirostris* Hart.

146. *Elaenia flavogaster* (Thunb.).

Pipra flavogaster Thunb., *Mém. Acad. St. Pétersb.* viii. (1822) p. 286. (typ. ex. Brazil, Mus. Upsala).

E. pagani auctorum.

Cayenne: 6 ♂♂ ad., October 9, 10 (two), 14, November 8, 26; 1 ♂ with moulting tail-feathers October 13; 2 ♀♀ ad., October 16, 20, 1902.

Roche-Marie: 2 ♂♂ ad., November 8, 11, 1902.

Appronague: 1 ♀ ad., December 11, 1902.

Ile le Père: 1 ♀ ad., October 24, 1902.

"Iris seal ('dusky'), feet dusky plumbeous ('slate-grey'), bill blackish, pale at base of mandible ('dusky pale at base of mandible,' dusky blackish, pale at base of mandible)."

Nos. 19, 20, 21, 92, 109, 142, 225, 311, 623, 641, 690, 917, 1122.

♂♂ ad.: al. 82—76; cand. 72½—66½; culm. 11¾—11; tars. 19¾—18½ mm.

♀♀ ad.: al. 76¾—74¾; cand. 70—68; culm. 11½—11¼; tars. 20¾—18¾ mm.

There is no difference between Cayenne specimens and others from Bahia and Rio.

[Cayenne (coll. Jelski in Salvin & Godman collection, and in Slater collection, Mus. Brit., coll. Deplanches—*vide* Bp.).]

147. *Elaenia cristata* Pelz.

Elaenia cristata Pelzel, *Orn. Bras.* (1868) pp. 107, 177 (descr. specim. ex Goyaz, typ. in Mus. Vindob.).

Cayenne: 1 ♂ ad., October 21; 1 ♂ ad. in much-worn plumage, November 28; 3 ♀♀ ad., October 21, 28, November 15, 1 ♂ juv., November 15, 1902; and 1 ♀ very young, October 13, 1902.

"Iris seal ('dusky,' 'chestnut,' twice in ♀♀), feet slate ('dusky plumbeous'), bill blackish, pale at base of mandible ('dusky, pale at base of mandible')."

Nos. 102 (very young), 245, 246, 375, 773, 774, 955.

♂♂ ad.: al. 66½, 65; cand. 58½, 53½; culm. 12½, 11¾; tars. 18½, 17¾ mm.

♀♀ ad.: al. 65¾—64¾; cand. 57½—55¼; culm. 12¼—11¾; tars. 18½—17¼ mm.

Cayenne specimens agree with examples from Bahia in Mus. H. v. B.

148. *Elaenia chiriquensis* Lawr.

Elaenia chiriquensis Lawrence, *Ann. Lyc. N. H. New York* viii. (1865) p. 177 (typ. ex David, Chiriqui in U.S. Nat. Mus.).
E. albivertex autorum.

Cayenne : 4 ♂ ad., October 13, November 19, 24 ; 1 ♂ ad. in much-worn plumage and moulting, November 13, and 1 ♀ in worn plumage, November 26, 1902.

"Iris seal, feet slate ('slate black,' 'dusky'), bill blackish, pale at base of mandible" ("dusky, pale at base of mandible").

Nos. 103, 815, 819, 822, 880, 930.

♂ ad.: al. $79\frac{3}{4}$ — $71\frac{1}{2}$; caud. $69\frac{1}{2}$ —59; culm. $11\frac{1}{4}$ — $9\frac{3}{4}$; tars. $16\frac{1}{2}$ — $15\frac{3}{4}$ mm.

♀ ad.; al. $69\frac{1}{2}$; caud. $59\frac{1}{2}$; culm. $10\frac{1}{4}$; tars. $15\frac{1}{2}$ mm.

[Oyapoc (coll. Jelski in Mus. Vindob.)? Cayenne (Selater coll. in Mus. Brit.).]

149. *Elaenia gaimardi guianensis* Berl.

[*Muscicapara Gaimardi* D'Orbigny, *Voy. Am. Mérid. Ois.* (1840) p. 326. (typ. ex Yuracares, Bolivia—in Mus. Paris?).]

Elaenia gaimardi guianensis Berlepsch, *Proc. iv. Internat. Orn. Congress* 1905. p. 421. (typ. ex Camaeusa, Brit. Guiana in Mus. H. v. B.).

Elaenia agilis Bonaparte (nec *M. agilis* Gml.), *Bull. Soc. Linn. Normandie* xii. (1857) p. 35. descr. (Cayenne).

Cayenne: 4 ♂ ad., November 1, 26, 27, December 2; 3 ♀ ad., October 20, 31, November 1, 1902.

"Iris seal (1 ♀ 'dark sepia'), feet slate ('slate black,' 'slate grey'), 'bill black' (blackish), 'blackish, pale at base of mandible.'"

Nos. 221, 420, 438, 440, 921, 949, 991.

♂ ad.: al. $62\frac{1}{4}$ — $59\frac{1}{2}$; caud. $61\frac{3}{4}$ —52; culm. $10\frac{3}{4}$ — $10\frac{1}{4}$; tars. $18\frac{3}{4}$ — $16\frac{1}{2}$ mm.

♀ ad.: al. $55\frac{3}{4}$ — $55\frac{1}{4}$; caud. 49— $47\frac{1}{2}$; culm. $10\frac{1}{4}$ — $9\frac{3}{4}$; tars. $15\frac{3}{4}$ — $15\frac{1}{4}$ mm.

The Cayenne specimens agree with those from Brit. Guiana.

[Cayenne (Selater collection in Mus. Brit.—coll. Deplanches—*fide* Bp.).

Oyapoc (Mus. Brit.).]

150. *Elaenia flavivertex* ScL.

Elainea flavivertex Selater, *P. Z. S.* 1887. p. 49. (typ. ex Upper Ucayali—in Mus. Brit.).

Roche-Marie: 1 ♂ ad., November 7, 1902.

"Iris vandyke brown, feet slate-grey, bill above black, below slate, pale at base." No. 590.

Al. $62\frac{1}{2}$; caud. 60; culm. $10\frac{3}{4}$; tars. $17\frac{1}{2}$ mm.

This bird agrees with specimens from Munduapo, Oriuoco, collected by Mr. Cherrie.

E. flavivertex is new to the fauna of Cayenne.

151. *Sublegatus glaber* ScL. & Salv.

Sublegatus glaber Selater & Salvin,* *P. Z. S.* 1868. p. 171. Pl. xiii. fig. 2. (typ. ex Caracas, Venezuela—in Mus. Brit.).

Ile le Père: 2 ♂ ad., October 24, 25; 2 ♂ juniores, October 23, 25, 1902.

Cayenne: A very young bird marked ♀, October 29, 1902.

* I have never been able to examine specimens from Punta Arenas, which are described in 1863 by M. O. Salvin under the name *Elainea arenarum*, and which Hartert and Hellmayr think to be different from *S. glaber*.

"Iris seal ('sepia,' 'vandyke'), feet black ('slate'), bill black ('blackish')."'

Nos. 295, 320, 334, 340, 392.

♂♂ : al. $71\frac{1}{2}$ —68 ; caud. 65 — $62\frac{1}{2}$; culm. $10\frac{3}{4}$ — $9\frac{1}{2}$; tars. $18\frac{1}{2}$ — $16\frac{1}{2}$ mm.

These Cayenne birds agree perfectly with others from Alta Gracia, Orinoco (coll. Geo. K. Cherrie).

152. *Phaeomyias murina incomta* (Cab. & Heine).

[*Platyrhynchus murinus* Spix, *Av. Bras.* ii. (1825) p. 14. tab. xii. f. 2. hab. ignot.—hab. typ. substit. Rio Janciro.]

Elainea incomta Cabanis & Heine, *Mus. Hein.* ii. (1859) p. 59 nota (typ. ex Cartagena in Mus. Berol.).

Phyllomyias semifusca autorum.

Cayenne : 13 ♂♂ ad., October 10 (two), 13 (two), 22, 31 (two), November 3 (two), 4, 14, 26, 27 ; 5 ♀♀ ad., October 14, 18, 20 (two), November 15 ; 1 juv., November 3, 1902.

Roche-Marie : 3 ♂♂ ad., November 10 (two), 13 ; 2 ♀♀ ad., November 5, 11, 1902.

Ile le Père : 1 ♂ ad., October 25, 1902.

"Iris seal ('sepia,' 'dusky'), 'feet black' ('slate black,' 'blackish,' 'dusky,' 'dusky plumbeous,' 'slate,' 'slate-black,' 'slate-grey,' bill black ('dusky blackish'), blackish, pale at base of mandible, 'blackish, dusky at base of mandible,' 'dusky pale at base of mandible,' above black, below dusky with blackish tip."

Nos. 23, 49, 97, 104, 130, 197, 228, 230, 266, 341, 411, 418, 487, 496, 497, 541, 672, 673, 702, 750, 758, 811, 929, 945, 1011.

♂♂ ad. : al. $59\frac{3}{4}$ —56 ; caud. $57\frac{1}{2}$ —49 ; culm. $10\frac{1}{2}$ — $8\frac{3}{4}$; tars. $18\frac{3}{4}$ — $16\frac{3}{4}$ mm.

♀♀ ad. : al. 56—52 ; caud. $52\frac{1}{2}$ — $45\frac{3}{4}$; culm. $9\frac{1}{2}$ — $8\frac{3}{4}$; tars. $17\frac{1}{2}$ — $15\frac{3}{4}$ mm.

As a rule the Cayenne birds have shorter wings and show the abdomen more strongly washed with pale yellow than specimens from Sta. Marta, with which I have compared them. Nevertheless, some specimens from both localities agree very well together.

[Oyapoc (coll. Jelski in Sclater collection, Mus. Brit.).]

[153. *Tyranniscus gracilipes* ScL. & Salv.

Tyranniscus gracilipes Sclater & Salvin, *P.Z.S.* 1867. p. 981. (typ. ex Pebas, Peru or.—in Mus. Brit.).

Oyapoc, Cayenne (Sclater collection in Mus. Brit.).]

154. *Tyrannulus elatus* (Lath.).

Sylvia elata Latham, *Ind. Orn.* ii. (1790) p. 549. (ex Buffon & Daubenton, typ. ex Cayenne).

Cayenne : 3 ♂♂ ad., October 18 (two), November 21 ; 1 ♀ ad., October 20, 1902.*

"Iris seal, feet slate, bill black."

Nos. 187, 188, 233, 843.

♂♂ ad. : al. $50\frac{1}{2}$ —49 ; caud. 44 — $40\frac{3}{4}$; culm. 7 — $6\frac{3}{4}$; tars. $12\frac{1}{2}$ — $11\frac{3}{4}$ mm.

♀ ad. : al. 48 ; caud. $39\frac{3}{4}$; culm. $6\frac{3}{4}$; tars. $12\frac{3}{4}$ mm.

[Oyapoc (coll. Jelski in Sclater collection and Salvin & Godman collection in Mus. Brit.—in Mus. Vindob. ex Becoeur.)]

* There is no difference in coloration between specimens from Cayenne, Brit. Guiana, Para, and Colombia (Bogota collections), but the latter as a rule have rather longer wings and tails.

[155. *Ornithion inerme* Hartl.

Ornithion inerme Hartlaub, *Journ. f. Orn.* 1853. p. 35 (loc. inc.—habit. typ. substit. Bahia—*autoribus* Berl. & Hart.).

Oyapoc (coll. Jelski in Slater collection, Mus. Brit.).]

156. *Ornithion pusillum* (Cab. & Heine).

Myiopatris pusilla Cabanis & Heine, *Mus. Hein.* ii. (1859) p. 58. Anm. 2 (typ. ex Cartagena in Mus. Berol.).

Cayenne : 2 ♂♂ ad., November 24, 27 ; 2 ♀♀ ad., November 25, 27, 1902.

Roche-Marie : 2 ♂♂ ad., November 8, 12, 1902.

"Iris seal ('lemon-yellow'), feet slate-grey ('greyish'), bill black ('blackish'), pale at base of mandible."

Nos. 626, 736, 883, 902, 946, 947.

♂♂ ad. : al. $51\frac{1}{2}$ —49 ; caud. $41\frac{1}{2}$ — $37\frac{3}{4}$; culm. $9\frac{1}{2}$ — $8\frac{1}{4}$; tars. 14— $13\frac{1}{2}$ mm.

♀♀ ad. : al. 47— $46\frac{1}{2}$; caud. $34\frac{1}{2}$ —34 ; culm. 9— $8\frac{3}{4}$; tars. 13— $12\frac{1}{4}$ mm.

These Cayenne birds agree perfectly with the type from Cartagena, with which I have compared it.

[Oyapoc (Jelski leg. in Slater collection, Mus. Brit.).]

157. *Mionectes oleagineus* (Licht.).

Muscicapa oleaginea Lichtenstein, *Verz. Doubl.* (1823) p. 55 (typ. ex Bahia in Mus. Berol.).

Roche-Marie : 2 ♂♂ ad., November 12, 13, 1902.

Iponsin, R. Approuague : 1 ♀ ad., January 8, 1903.

"Iris seal, feet greyish flesh ('drab grey'), bill black, dusky at base of mandible."

Nos. 734, 755, 13056.

♂♂ ad. : 61—57 ; caud. 48— $46\frac{1}{2}$; culm. $10\frac{3}{4}$ —10 ; tars. $13\frac{3}{4}$ mm.

♀ ad. : al. $61\frac{1}{2}$; caud. $47\frac{1}{2}$; culm. — ; tars. $14\frac{3}{4}$ mm.

Cayenne specimens agree with a Bahia skin in Mus. H. v. B. They are perhaps a little darker on the upper parts, and have slightly shorter wings.

[Cayenne (Slater collection in Mus. Brit.—Mus. Hein.).]

FAMILY PIPRIDAE.*

[158. *Xenopipo atronitens* Cab.

Xenopipo atronitens Cabanis, *Wieg. Arch. f. Natg.* xiii. Pt. i. (1847) p. 235 (typ. ex Brit. Guiana, coll. Schomburgk).

Oyapoc, Cayenne (Salvin & Godman collection in Mus. Brit.).]

159. *Pipra aureola* (Linn.).

Parus Aureola Linne, *Syst. Nat.* ed. x. 1. (1758) p. 191 (ex. Edw. Pl. 83. f. 2.—loc. ignot.—habit. substit. Surinam).

Cayenne : 7 ♂♂ ad., October 16, 17, November 1, 2 (two), 3, 4 ; 2 ♂♂ juv. (in the green plumage of the young with a few red feathers appearing on the head and

* The following species of *Pipridae* not yet recorded from Cayenne are likely to be found there

1. *Piprites chlorion* Cab. Brit. Guiana—Lower Amazons.

2. *Ceratopipra cornuta* (Spix). Brit. Guiana—Rio Negro.

3. *Pipra brachyura* (Scl. & Salv.). Brit. Guiana (*P. virescens*—Lower Amazons).

breast), November 1, December 11 ; 9 ♀ ♀ ad., October 14, 17, 18, 20, 21 (two), 31, November 1, 3, 1902.

Roche-Marie, Cayenne : 1 ♂ ad., November 11 ; 1 ♀ ad., November 7, 1902.

Approuague : 1 ♂ ad., December 11, 1902.

" Iris cream-colour, feet dusky purple (♀ ♀ dusky grey), bill above blackish, below dusky slate (♀ ♀ above blackish, below dusky greyish, blackish, reddish grey at base of mandible, blackish, greyish at base of mandible)."

Nos. 113, 152, 160, 161, 202, 229, 253, 259, 412, 431, 432, 433, 454, 455, 494, 495, 511, 593, 705, 1125, 1126.

♂ ♂ ad. : al. $64\frac{3}{4}$ — $62\frac{1}{2}$; cand. $28\frac{1}{2}$ — $25\frac{1}{2}$; culm. $12\frac{1}{2}$ — $11\frac{1}{2}$; tars. $15\frac{3}{4}$ — $14\frac{3}{4}$ mm.

♀ ♀ ad. : al. $64\frac{3}{4}$ — $60\frac{1}{2}$; cand. $31\frac{1}{2}$ — $28\frac{1}{2}$; culm. 12 — $11\frac{1}{4}$; tars. $14\frac{3}{4}$ — $14\frac{1}{2}$ mm.

[Cayenne (Selater collection and Salvin & Godman collection in Mus. Brit., coll. Deplanches—*vide* Bp., Mus. Hein.).]

160. *Pipra erythrocephala* (Linn.).

Parus erythrocephalus Linne, *Syst. Nat.* ed. x. i. (1758) p. 191 (ex Edwards, typ. ex Surinam).

Pipra auricapilla Licht.

Ipousin, R. Approuague : 1 ♂ ad., December 30 ; 2 ♀ ♀ ad., December 29, 1902, January 7, 1903.

♂ ad. : " Iris cream, feet dusky flesh, bill above pale dusky, below whitish."

♀ ♀ ad. : " Iris sepia (dark dusky grey), feet greyish (drab brown), bill above clove brown, below pale horny white."

Nos. 12886, 12912, 13041.

♂ ad. : al. $55\frac{1}{2}$; cand. $20\frac{1}{2}$; culm. $7\frac{3}{4}$; tars. $12\frac{1}{2}$ mm.

♀ ♀ ad. : al. $56\frac{3}{4}$; cand. 27 — $21\frac{3}{4}$; culm. $9\frac{3}{4}$; tars. $13\frac{1}{4}$ mm.

Nos. 12912, 12886, 13041.

[Cayenne (Selater collection in Mus. Brit., coll. Deplanches (*vide* Bp.), Mus. Hein., Mus. H. v. B.).]

The adult male agrees with others from the Merumé Mts. (Brit. Guiana) and Maipures (Orinoco).

161. *Pipra leucocilla* Linn.

Pipra leucocilla Linne, *Mus. Ad. Frid.* ii. *Prodr.* (1764) p. 33 (loc. ign.—hab. substit. Surinam aut. Berl. & Hart.).

Ipousin, R. Approuague : 2 ♂ ♂ ad., December 31, 1902, January 2, 1903.

" Iris carmine, feet slate (' slate-black '), bill black (' above black, below slate-grey ')."

Nos. 12935, 12969.

Al. $62\frac{3}{4}$ — $60\frac{1}{2}$; cand. $26\frac{3}{4}$ — $25\frac{1}{2}$; culm. $10\frac{3}{4}$ — $10\frac{1}{4}$; tars. $14\frac{1}{2}$ — $13\frac{3}{4}$ mm.

[Cayenne (Selater collection in Mus. Brit., Mus. H. v. B.).]

162. *Pipra serena* Linn.

Pipra serena Linne, *Syst. Nat.* ed. xii. i. (1766) p. 340 (ex Briss.—hab. in Cayana, Surinamo.—hab. typ. select. Cayenne ex. Briss.).

Ipousin, R. Approuague : 2 ♀ ♀, December 26, 30, 1902.

" Iris light seal, feet slate, bill above black, below slate-black."

♀ ♀ : al. $56\frac{1}{2}$ — $53\frac{3}{4}$; cand. 28 — 27 ; culm. $9\frac{3}{4}$ — $9\frac{1}{2}$; tars. $15\frac{1}{2}$ — $14\frac{3}{4}$ mm.

Nos. 12852, 12915.

[Cayenne (Selater collection and Salvin & Godman collection in Mus. Brit., coll. Deplanches (*vide* Bp.), Mus. Hein., Mus. v. B.).]

[163. *Pipra gutturalis* Linn.

Pipra gutturalis Linne, *Syst. Nat.* ed. xii. i. (1766) p. 340 (ex Briss.—“hab. in America”—hab. typ. substit. Cayenne).

Cayenne (Selater collection and Salvin & Godman collection in Mus. Brit., Mus. Hein., Mus. H. v. B.).]

164. *Chiroxiphia pareola* (Linn.).

Pipra Pareola Linne, *Syst. Nat.* ed. xii. i. (1766) p. 339 ex Briss., Edw. & Maregr.—hab. “Brazil and Cayana”—bab. typ. select. Brasil or. ex Maregr.).

Cayenne : 5 ♂♂ ad., October 21 (two), November 14 (three), 1 “♂” not quite adult, October 21 ; 1 ♂ jr. in transition plumage, November 8 ; 2 ♂♂ juv. (green with red crest) October 21, November 26, 1902.

Roche-Marie, Cayenne : 4 ♂♂ ad. November 6 (three), 11 ; 2 ♂♂ juv. (green with red crest) November 6, 8, 1902.

“Iris seal (3 ♂♂ juv. : ‘Iris dark chestnut’), feet orange (2 ♂♂ juv. : ‘feet reddish flesh-colour,’ 1 ♂ juv., ‘feet dusky orange’), bill black.”

Nos. 240, 241, 242, 243, 553, 554, 555, 556, 629, 630, 717, 762, 763, 764, 916.

♂♂ ad. : al. $74\frac{1}{2}$ — $70\frac{3}{4}$; cand. $36\frac{1}{2}$ — $32\frac{1}{2}$; culm. $11\frac{1}{4}$ — $10\frac{1}{2}$; tars. $19\frac{1}{2}$ — $18\frac{1}{2}$ mm.

The Cayenne specimens are apparently not distinguishable from Bahia—examples in Mus. H. v. B.

165. *Chiromachaeris manacus* (Linn.).

Pipra Manacus Linne, *Syst. Nat.* ed. xii. i. (1766) p. 340 (ex Edwards—typ. ex Surinam).

Cayenne : 4 ♂♂ ad., October 17, 22, November 3, 15 ; 2 ♀♀ ad., October 17, 21, 1902.

Roche-Marie, Cayenne : 8 ♂♂ ad. November 6, 11 ; 3 ♂♂ juv. (in the green plumage of the female), November 6 (two), 11 ; 1 “♀,” December 21, 1902.

Ipousin, R. Approuague : 2 ♂♂ ad., January 7 (two), 1903.

“Iris sepia, feet dusky orange (1 ♀ orange), bill above black, below plumbeous (‘above black, below slate-black,’ ‘above black, dusky below,’ ‘above black, below greyish slate’).”

Nos. 162, 163, 257, 285, 493, 562, 563, 564, 565, 566, 567, 568, 569, 570, 695, 716, 789, 12783, 13042, 13043.

♂♂ ad. : al. 54—51 ; cand. $32\frac{1}{2}$ — $29\frac{3}{4}$; culm. $11\frac{1}{4}$ — $9\frac{1}{2}$; tars. $20\frac{3}{4}$ — $19\frac{1}{2}$ mm.

♀♀ ad. : al. 54—52 ; $32\frac{1}{2}$ —29 ; culm. $12\frac{1}{2}$ — $10\frac{3}{4}$; tars. $20\frac{1}{2}$ — $18\frac{1}{2}$ mm.

[Cayenne (Selater collection in Mus. Brit., coll. Deplanches *fide* Bp., Mus. H. v. B.).]

166. *Neopipo cinnamomea* (Lawr.).

Pipra (?) cinnamomea Lawrence, *Proc. Ac. N. Sc. Philada.* 1863, p. 429 (bab. “The Upper Amazon”—typ. in Mus. Lawrence, nunc *Am. Mus. N. H. New York*).

Ipousin, R. Approuague : 1 “♂” (?) (ad.) December 29, 1902.

“Iris seal, feet slate-grey, bill above dusky, below pale.” No. 12889.

Al. $50\frac{1}{2}$; cand. 36 ; tars. $12\frac{3}{4}$ mm.

This species has not yet been recorded as being found in Cayenne.

[167. **Scotothorus amazonum wallacei** (Scl. & Salv.).

(*Heteropelma amazonum* Sclater, *P.Z.S.* 1860, p. 466 (typ. ex Chamicuro, Huallaga in Mus. Brit.).
Heteropelma wallacei Sclater & Salvin, *P.Z.S.* 1867, pp. 579, 595 (typ. ex Pará in Mus. Brit.).

? Oyapoc, Cayenne (Sclater collection in Mus. Brit.).]

[168. **Scotothorus igniceps** (Scl.).

Heteropelma igniceps Sclater, *P.Z.S.* 1871, p. 750 (typ. ex Oyapoc, Cayenne in Mus. Brit.).

Oyapoc, Cayenne (Sclater collection ex Verdey in Mus. Brit.).]

[169. **Schiffornis major** Desmurs.

Schiffornis major Desmurs (ex Bp.) in Casteln. *Voy. Ois.* (1855) p. 66, Pl. 18, fig. 2 (hab. Sarayaçu, Peruv. or., typ. in Mus. Paris).

Oyapoc, Cayenne (Sclater collection ex Verdey in Mus. Brit.).]

[170. **Heterocercus flavivertex** Pelz.

Heterocercus flavivertex Pelzel, *Zur Orn. Bras.* (1868) pp. 125, 186 (typ. select. ex Rio Negro—Mus. Vindob.).

Oyapoc, Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit.).]

? [171. **Heterocercus luteocephalus** (Less.).

Muscicapa luteocephala Lesson, *Traité d'Orn.* (1831) p. 392 (loc. inc.—an ex Cayenne?).

Cf. Hellm. *Nov. Zool.* xiii. (1906) p. 327.]

FAMILY COTINGIDAE.*

172. **Tityra cayana** (Linn.).

Lanius cayanus Linne, *Syst. Nat.* ed. xii. i. (1766) p. 137 (ex Briss.—Cayenne).

Roche-Marie, Cayenne: 1 “♂” juv. in the dress of the ♀, November 8, 1902.

“Iris seal, feet plumbeous slate, bill basal Indian purple, tip of bill above black, below slate, bare space about eye maroon-purple.” No. 636.

[Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit., coll. Deplanches, *vide* Bp., Mus. Hein.)]

? [173. **Tityra semifasciata** (Spix).

Pachyrhynchus semifasciatus Spix, *Av. Bras.* ii. (1825) p. 32, tab. xlv. fig. 2 (hab. in prov. Pará—typ. in Mus. Monac.).

? Oyapoc (Sclater collection “♀” in Mus. Brit.).]

* The following five species of *Cotingidae* not recorded from Cayenne may occur there:

1. *Pachyrhynchus griseigularis* Scl. & Salv. Roraima (*P. viridis*—Bahia).
2. *Pachyrhynchus castaneus* (Jard. & Selby). Venezuela—Bahia.
3. *Lipaugus simplex* (Licht.). Brit. Guiana—Orinoco—Bahia.
4. *Iodopleura isabellae* Parzud. Rio Tocantins (*I. leucopygia* Salv. Brit. Guiana).
5. *Chasmorhynchus variegatus* (Gml.). Venezuela—Brazil (Maranhão).

174. *Tityra inquisitor erythrogenys* (Selby).

[*Lanius inquisitor* Lichtenstein, *Ferz. Dabl.* (1823) p. 50 (S. Paulo, Mus. Berol.).]

Psaris erythrogenys Selby, *Zool. Journ.* ii. (1826) p. 483 (descr. ♀ typ. ex Pernambuco).

Cayenne: 1 "♂" ad., October 17, 1902.

"Iris seal, feet dusky plumbeous, bill above black, below plumbeous."

No. 176.

Al. 101; cand. $61\frac{1}{2}$; culm. 23; tars. $18\frac{3}{4}$ mm.

[Cayenne (Selater collection in Mus. Brit.).]

[175. *Hadrostomus minor* (Less.).

Querula minor Lesson, *Traité d'Orn.* (1831) p. 363 (descr. ♂ juv. ex Cayenne—coll. M. Martin).

Cayenne (Selater collection in Mus. Brit.).]

176. *Pachyrhamphus niger* (Spix).

Pachyrhynchus niger Spix, *An. Bras.* ii. (1825) p. 33. tab. xlv. fig. 1 (loc. ignot., habit. substit. Fonteboa, aut Hellmayr).

Cayenne: 3 "♂♂" ad., October 13, November 14, 26. 1 "♂" jr. in transition plumage, December 4; 3 "♂♂" juv. (in the dress of the female), November 25, 29, December 4; 2 ♀♀, November 26, 29, 1902.

"Iris seal, feet slate ('slate-grey,' 'dusky plumbeous'); bill, ♂♂ ad. plumbeous, tip of maxilla blackish, plumbeous grey, extreme tip blackish, above bright plumbeous, below slate-grey)." ♂ jr.: "bill mottled black and plumbeous." ♀♀ and ♂♂ juv.: "bill dusky blackish (above black, below blackish, pale at tip and base, above grey, at base dusky at centre and tip, below pale," "above black, below mottled blackish and horn-colour."

Nos. 93, 71, 900, 919, 920, 975, 988, 1009, 1010.

♂♂ ad.: al. $74\frac{3}{4}$ — $73\frac{1}{2}$; cand. 60—53; culm. $16\frac{3}{4}$ — $15\frac{3}{4}$; tars. $18\frac{1}{2}$ mm.

♀♀ ad.: 75— $68\frac{1}{2}$; cand. 59— $54\frac{1}{2}$; culm. $15\frac{3}{4}$ — $14\frac{1}{2}$; tars. $18\frac{1}{2}$ — $17\frac{1}{2}$ mm.

[Cayenne (Selater collection in Mus. Brit., Mus. H. v. B.).]

Specimens from Cayenne, Orinoco, Pto. Cabello, Bogota, are apparently of one and the same form. I have not yet examined specimens from Fonteboa (true *niger*), but if they are different, as Hellmayr thinks, then the northern form should perhaps be called *P. niger atricapillus* (Merrem), typ. ex Surinam. I find there is much individual variation in the coloration of the lower back.

177. *Pachyrhamphus cinereus* (Bodd.).

Pipra cinerea Boddaert, *Tabl. Pl. Enl.* (1783) p. 43 (ex Daubent. Pl. 687. fig. 1—ex Cayenne).

Muscicapa rufa Bodd.?

Pipra atricapilla Gml.

Cayenne: 1 "♀" ad., October 11, 1902.

Appronagne: 2 "♂♂" ad., December 6, 13, 1902.

"Iris seal, feet slate-grey, bill plumbeous, tip of maxilla black." (♀ "bill above black, below plumbeous.")

Nos. 29, 1022, 12698.

♂♂ ad.: al. $70\frac{1}{2}$ —67; cand. 52— $49\frac{3}{4}$; culm. $13\frac{3}{4}$; tars. $17\frac{3}{4}$ — $17\frac{1}{2}$ mm.

♀ ad.: al. 66; cand. 47; culm. $14\frac{1}{4}$; tars. $17\frac{1}{2}$ mm.

[Cayenne (Selater collection, coll. Jelski, Salvin & Godman collection in Mus. Brit., Mus. Hein.).]

[178. *Pachyrhamphus marginatus* (Licht.).

Tadus marginatus Lichtenstein, *Verz. Doubl.* (1823) p. 51 (descr. ♀ ex Bahia in Mus. Berol.). *
T. atricapillus aut., nec Merrem.

Oyapoc, Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit.).]

[179. *Pachyrhamphus surinamus* (Linn.).

Muscicapa surinama Linne, *Syst. Nat.* ed. xii. i. (1766) p. 137 ("hab. Surinami").

Cayenne (Sclater collection in Mus. Brit.).]

180. *Lathria cinerea* (Vieill.).

Amphelis cinerea Vieillot, *Nouv. Dict.* viii. (1817) p. 162 (ex Levaillant—typ. ex Cayenne).

Ipousin, R. Approuague: 5 ♂♂ ad., December 27 (two), 1902, January 1 (three), 1903.

Regina, R. Approuague: 1 ♀ ad., December 21, 1902.†

"Iris dark grey, feet greenish grey, bill black, smoke-grey at base of mandible."

Nos. 12782, 12863, 12864, 12941, 12942, 12943.

♂♂ ad.: al. $127\frac{1}{2}$ —121; caud. $112\frac{1}{2}$ —109; culm. $23\frac{1}{4}$ — $22\frac{1}{4}$; tars. $21\frac{1}{2}$ — $20\frac{1}{2}$ mm.

♀ ad.: al. 116; caud. 109; culm. $22\frac{3}{4}$; tars. 22 mm.

[Cayenne (Sclater collection in Mus. Brit.).]

[181. *Lipaugus immundus* ScL. & Salv.

Lipaugus immundus Sclater et Salvin, *Nomencl. Av. Neotr.* (1773) pp. 57, 159 (typ. ex Oyapoc, Cayenne in Mus. Brit.‡)

Oyapoc, Cayenne (Sclater collection in Mus. Brit.).]

182. *Laniocera hypopyrrha* (Vieill.).

Amphelis hypopyrra Vieillot, *Nouv. Dict. d'Hist. Nat.* viii. (1817) p. 164 (hab. La Guyane, se. Cayenne).

Ipousin, R. Approuague: 1 ♂ imm., December 28, 1904.

"Iris dusky sepia, feet slate-grey, bill black, dusky at base of mandible, eyelids chrome-yellow." No. 12880.

Al. $106\frac{1}{2}$; caud. 87; culm. $18\frac{1}{2}$; tars. $18\frac{1}{2}$ mm.

[Cayenne (*vide* Vieillot).]

183. *Attila brasiliensis* Less.

Attila brasiliensis Lesson, *Traité d'Orn.* (1831) p. 360 ("du Brésil," rectius Cayenne, autore Pucheran & Hellm.) Hellmayr *Nov. Zool.* xiii. (1906) p. 328.

A. uropygialis Cab.

Roche-Marie, Cayenne: 1 ♂ ad., November 12, 1902. "Iris clay-colour, feet slate-grey, bill blackish, pale at base of mandible." No. 733.

♂: al. 85; caud. $63\frac{3}{4}$; culm. $22\frac{1}{2}$; tars. $22\frac{1}{2}$ mm.

This bird differs from my specimens from Brit. Guiana (coll. Whitely) and

* The type specimen in the Berlin Museum has been examined by me.

† Specimens from Brit. Guiana and Bahia (*plumbea* Licht.) agree perfectly with the Cayenne birds, but specimens from the Middle Orinoco collected by G. K. Cherrie are of a rather darker and purer ashy-grey coloration.

‡ Mr. Hellmayr tells me that he has examined the type of *L. immundus* in the British Museum, and found it quite distinct from *L. simplex*, resembling in coloration somewhat *Myiarchus phaeonotus* Salv. & Godm.

the Orinoco Delta in having the throat and breast dark grey, with whitish lateral margins to the feathers, without any greenish and yellowish admixture (but see Hellmayr, *Nov. Zool.* xiii. 1906. p. 329).

[184. **Attila spadiceus** (Gml.).

Muscicapa spadicea Gmelin, *Syst. Nat.* ed. xiii. i. (1788) p. 937 (ex Latham—bab. Cayenne).
Cayenne (Lath., Mus. Brit.).]

185. **Attila thamnophiloides** (Spix).

Muscicapa thamnophiloides Spix, *Av. Bras.* ii. (1825) p. 19. Pl. 26. fig. 1 (bab. "in loc. sylv. fl. Amazonum," typ. in Mus. Monac.).

Cayenne : 1 ♂ ad., December 4, 1902.

Approuague : 3 ♂♂ ad., December 8, 10, 13; 1 ♀ ad., December 12, 1902.

"Iris seal ('drab'), feet grey (plumbeous), bill black."

Nos. 1018, 1063, 1098, 1132, 12697.

Cayenne specimens agree with a bird from Borba on the Madeira (*vide* Hellmayr).

♂♂ ad. : al. 95—91½; caud. 90¾—81½; culm. 22—20½; tars. 23¾—22 mm.

♀ : al. 90½; caud. 82½; culm. 21; tars. 22¾ mm.

[Cayenne (Sclater collection in Mus. Brit., coll. Deplanches (*vide* Bp.).]

[186. **Phoenicocercus carnifex** (Linn.).

Lanius carnifex Linne, *Syst. Nat.* ed. x. i. (1758) p. 94 (ex Edw. typ. ex Surinam).

Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit., coll. Deplanches (*vide* Bonap.), Mus. H. v. B.).]

[187. **Rupicola rupicola** (Linn.).

Pipra Rupicola Linne, *Syst. Nat.* ed. xii. i. (1766) p. 338 (ex Briss. & Edw.—hab. Surinam, Guiana; bab. select. Cayenne).

Cayenne (Sclater collection and Salvin & Godman collection and coll. Rothery in Mus. Brit., Mus. H. v. B.).]

[188. **Cotinga cotinga** (Linn.).

Ampelis Cotinga Linne, *Syst. Nat.* ed. xii. i. (1766) p. 298 (ex Briss. typ. ex Brasil).

Cayenne (coll. Rothery in Mus. Brit., coll. Deplanches (*vide* Bp.).]

[189. **Cotinga cayana** (Linn.).

Ampelis cayana Linne, *Syst. Nat.* ed. xii. i. (1766) p. 298 (ex Briss. hab. Brasil. et Cayenne, habit. select. Cayenne ex Briss.).

Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit., Mus. Hein.).]

[190. **Xipholena pompadora** (Linn.).

Ampelis Pompadora Linne, *Syst. Nat.* ed. xii. i. (1766) p. 298 (ex Briss. hab. Cayenne).

Cayenne (Sclater collection and Salvin & Godman collection and coll. Rothery in Mus. Brit., coll. Deplanches (*vide* Bonap.), Mus. Hein.).]

[191. *Iodopleura fusca* (Vieill.).

Ampelis fusca Vieillot, *Nouv. Dict.* viii. (1817) p. 162 (hab. "Brésil"—errore!—hab. substit. Cayenne).

Cayenne (Sclater collection in Mus. Brit.).]

[192. *Haematoderus militaris* (Lath.).

Coracias militaris Latham, *Ind. Orn. Suppl.* (1802) p. xxvii.

Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit., coll. Deplanches (*fide* Bp.).]

193. *Querula purpurata* (Müll.).

Muscicapa purpurata P. L. S. Müller, *Natursyst. Suppl.* (1776) p. 169. no. 29 (ex Daubent. *Pl. Enl.* 381—bab. Cayenne).

Ipousin, R. Approuagne : 1 ♂ ad., December 29, 1902.

"Iris vandyke brown, feet slate-black, bill plumbeous, extreme tip maxilla blackish." No. 12900.

Al. 176; caud. 120; culm. $26\frac{3}{4}$; tars. $22\frac{3}{4}$ mm.

[Cayenne (Sclater collection in Mus. Brit.), coll. Deplanches (*fide* Bp.), Mus. Hein.]

[? 194. *Cephalopterus ornatus* Geoffr.

Cephalopterus ornatus Is. Geoffr. *Ann. d. Mus.* xiii. (1809) p. 17 (loc. incert.—bab. substit. Cayenne, aut. Berl. & Hart.).

Cayenne (Is. Geoffr. ?).]

195. *Calvifrons calvus* (Gml.).

Corvus tricolor Müll. (1783) descr. falsa !

Corvus calvus Gmelin, *Syst. Nat.* ed. xiii. i. (1788) p. 372 (ex Buff. & Daubent. *Pl. Enl.* 521—bab. Cayenne).

Ipousin, R. Approuagne : 1 ♂ ad., December 27, 1902.

"Iris seal, feet slate-grey, bill above blackish, below slate-grey with greenish wash." No. 12858.

Al. $215\frac{1}{2}$; caud. 106; tars. $42\frac{1}{2}$ mm.

[Cayenne (Sclater collection and Salvin & Godman collection in Mus. Brit., coll. Deplanches (*fide* Bp.).]

[196. *Gymnoderus foetidus* (Linn.).

Gracula foetida Linne, *Syst. Nat.* ed. xii. i. (1766) p. 164 ("hab. America—Rolander"—bab. typ. substit. Surinam (aut. Berl. & Hart.).

Cayenne (Salvin & Godman collection in Mus. Brit., coll. Deplanches, *fide* Bp.).]

[197. *Chasmorhynchus niveus* (Bodd.).

Ampelis nivea Boddaert, *Tabl. Pl. Enl.* (1783) p. 49 (ex Daubenton, *Pl. Enl.* 793. hab. Cayenne).

Cayenne (coll. Rothery and Salvin & Godman collection in Mus. Brit.).]

FAMILY DENDROCOLAPTIDAE.*

198. *Synallaxis albescens albigularis* Scl.

[*Synallaxis albescens* Temminck, *Pl. Col.* (1823) tab. 227. f. 2 ("Brésil," habit. typ. subst. S. Paulo).]
Synallaxis albigularis Sclater, *P. Z. S.* 1858. p. 63 (typ. ex Rio Napo).

Cayenne : 4 ♀ ♀ ad., October 14, 19, 31, November 2, 1902.

Roche-Marie : 3 ♂ ♂ ad., November 5, 8, 11 ; ad. without indication of sex, November 11, 1902.

Approuague : 1 ♂ juv., December 17, 1902.

"Iris grey, feet dusky olive-green ('horn-colour washed with olive-green'), bill above blackish, below plumbeous grey."

♂ ♂ ad. : al. 56—54½ ; caud. 77½—73 ; culm. 13¼—12½ ; tars. 19½—18¾ mm.

♀ ♀ ad. : al. 54—52½ ; caud. 77¾—60 ; culm. 13¼—12 ; tars. 19½—19 mm.

Nos. 125, 379, 413, 464, 538, 637, 696, 697, 12753.

These specimens are generally more brownish on the back and have shorter wings and smaller bills than specimens found in Bogotá collections.

199. *Synallaxis gujanensis* (Gml.).

[*Motacilla gujanensis* Gmelin, *Syst. Nat.* ed. i. 1 (1788) p. 988 (ex Buff. et Daubenton, *Pl. Enl.* 686. f. 2—typ. ex "Gujana" sc. Cayenne).

Cayenne : 3 ♂ ♂ ad., October 28, November 14, 24 ; 1 ♀ ad., October 29 ; 1 ♀ juv., October 31 ; 2 ad. without indic. of sex, November 2, December 4, 1902.

Roche-Marie : 1 ♂ ad., November 5, 1902.

Approuague : 1 ♂ ad., December 8, 1 ♀ ad., December 12, 1902.

[Cayenne (coll. Jelski ; Salvin & Godman collection in Mus. Brit.).]

"Iris hazel, feet grey (slate-grey), bill black, plumbeous below (above black, below plumbeous with blackish tip)."

♂ ♂ ad. : al. 61½—58½ ; caud. 76¾—72½ ; culm. 14½—13¾ ; tars. 21¾—20¾ mm.

♀ ♀ ad. : al. 59—54½ ; caud. 66½—64½ ; culm. 14½—12½ ; tars. 21¾—21½ mm.

Nos. 370, 383, 416, 468, 539, 760, 881, 1014, 1053, 1135.

Bogotá specimens have the under-parts rather more whitish, with but a slight greyish brown suffusion on the upper breast.

200. *Synallaxis cinnamomea* (Gml.).

Certhia cinnamomea Gmelin, *Syst. Nat.* ed. i. 1 (1788) p. 480 (ex Latham, loc. inc., habit. typ. substit. Cayenne).

Cayenne : 2 ♂ ♂ ad., October 11, 13, 1902.

"Iris hazel, feet grey, bill above black, below plumbeous with blackish tip." Nos. 65, 90.

♂ ♂ ad. : al. 61—58½ ; caud. 69½—65½ ; culm. 15—14½ ; tars. 20¾—19 mm.

These birds agree best with specimens from Bahia, Brazil.

* The following species of *Dendrocolaptidae* not yet known from Cayenne are likely to occur there :

1. *Furnarius leucopus* Sws. Brit. Guiana—Rio Branco.
2. *Lochmias nematura* Licht. Brit. Guiana—Brazil.
3. *Synallaxis frontalis* Pelz. Bahia—Colombia (*elegantior*).
4. *Automolus turdinus* (Pelz.). Brit. Guiana—Brazil.
5. *Philydor rufipilvatus* Pelz. Pará—Orinoco.
6. *Sittasomus olivaceus amazonus* Lafr. Brit. Guiana—Bahia (*olivaceus*).
7. *Picolaptes albolineatus* (Lafr.). Brit. Guiana—near Pará (*P. layardi*).
8. *Xiphocolaptes* sp. ?
9. *Dendrocincla longicauda* Pelz. Brit. Guiana—Surinam—Brazil.

[201. *Synallaxis rutilans* Tem.

Synallaxis rutilans Temminck, *Pl. Col.* (1823) tab. 227. fig. 1 (typ. ex "Brésil"—hab. typ. substit. Rio Negro).

Oyapoc, Cayenne (Salvin & Godman collection in Mus. Brit.).]

202. *Siptornis gutturata* (Lafr. & D'Orb.).

Anabates gutturatus Lafresnaye et D'Orbigny,* *Syn. Av.* ii. in *Mag. Zool.* ii. Cl. ii. (1838) p. 14 (typ. ex Yuracares, Bolivia—in Mus. Paris).

Synallaxis hyposticta Pelzeln, 1859.

Ipousin, R. Appronague: 1 ♀ ad., December 26, 1902.

"Iris tawny olive, feet dusky oil-green, bill above dusky olive, below slate."

No. 12840.

Al. 65; cand. $56\frac{1}{2}$; culm. $14\frac{1}{2}$; tars. $16\frac{1}{2}$ mm.

The Cayenne bird agrees with specimens from Munduapo, on the Orinoco; the under-parts are perhaps a little more rufescent. The species is new to the fauna of Cayenne.

203. *Automolus infuscatus cervicalis* (Sch.).

[*Anabates infuscatus* Schater, *Ann. & Mag. N. H.* ser. 2. xvii. (1856) p. 468. "in Peruvia orientali," habit. typ. select. Barra do Rio Negro (coll. Natterer in Mus. Vindob.).]

Phyllosor cervicalis Schater,† *P.Z.S.* 1889. p. 33 (ex Brit. Guiana, hab. typ. select. Camacusa in Mus. Brit.).

A. sclateri aut.

Ipousin, R. Appronague: 1 ♂ ad., December 25; 2 ♀ ♀ ad., December 24, 1902, January 2, 1903; 1 ♂ (juv.) January 1, 1903.

"Iris seal, feet greyish sage-green ('sage-green'), bill above olive-brown (dusky olive), below greenish olive."

Nos. 12797, 12815, 12953, 12972.

♂ ad.: al. $88\frac{1}{2}$; cand. $73\frac{1}{2}$; culm. $20\frac{3}{4}$; tars. $20\frac{3}{4}$ mm.

♀ ♀ ad.: al. $87\frac{1}{2}$ — $86\frac{1}{2}$; cand. $74\frac{1}{2}$ — $72\frac{1}{2}$; culm. $20\frac{3}{4}$ — $20\frac{1}{2}$; tars. $21\frac{1}{2}$ — $20\frac{1}{2}$ mm.

Cayenne specimens agree best with the birds from Caura, Orinoco.

204. *Automolus obscurus* (Pelz.).

Anabates obscurus Pelzeln, *Sitzungsber. Ak. Wissensch. Wien math.-nativ.* Cl. xxxiv. 2. (1859) p. 110. Anm. (typ. ex Cayenne—Mus. Vindob.).

Ipousin, R. Appronague: 1 ♀ ad., January 2, 1905.

"Iris seal, feet dusky grey, bill blackish, dusky below." No. 12965.

Al. $78\frac{1}{2}$; cand. 71; culm. $20\frac{1}{2}$; tars. $23\frac{1}{2}$ mm.

The single specimen of this rare species collected by Mr. Cherrie agrees with Pelzeln's type in the Vienna Museum, with which I have compared it. It only differs in having the reddish brown of the throat a little paler (not so reddish) and not extended over the upper breast. The abdomen is also a little paler, more olivaceous, less brownish. The upper parts are somewhat darker, more blackish; the upper tail-coverts are of a somewhat darker chestnut. The rufous brown of the under tail-coverts is more intense.

* Cf. Meneg. & Hellm., *Mém. Soc. d'Hist. nat. d'Autun* xix. (1906) p. 36.

† Cf. Hellmayr, *Nov. Zoot.* 1906. p. 335.

A. obscurus (Pelz.) is apparently a near ally of *A. rubiginosus* Scl. from Central America, but is smaller, with a much shorter tail, and differs somewhat in coloration.

[Cayenne (Mus. Vindob.).]

205. *Philydor ruficaudatus* (Lafr. & D'Orb.).

Anabates ruficaudatus Lafresnaye et D'Orbigny, *Syn. Av. ii.* in *Mag. Zool.* 1838. p. 15 (typ. ex Yuracares, Bolivia, in Mus. Paris).

Appronagne: 1 ♂ ad., December 10, 1902.

"Iris wood-brown, feet sage-green, bill above slate-black, below dusky pea-green." No. 1094.

Al. 89; cand. $72\frac{1}{2}$; culm. $15\frac{3}{4}$; tars. $20\frac{1}{2}$ mm.

The specimen collected by Mr. Cherrie agrees perfectly with topotypical specimens from Bolivia in Mus. H. v. B. *Ph. ruficaudatus* had not yet been recorded from Cayenne.

206. *Philydor erythrocerus* (Pelz.).

Anabates erythrocerus Pelzeln, *Sitzungsber. Akad. Wien xxxiv.* (1859) p. 105 ("Brasilia"—viz. Barra do Rio Negro—typ. in Mus. Vindob.).

Iponsin, R. Appronagne: 4 ♂♂ ad., December 25, 27, 28, 1902, January 2, 1903; 3 ♀♀ ad., December 25, 1902.

"Iris seal, feet sage-green, bill above clove-brown ('brown'), below pale."

Nos. 12811, 12812, 12813, 12814, 12860, 12874, 12968.

♂♂ ad.: al. $91\frac{1}{2}$ — $89\frac{1}{2}$; cand. $69\frac{1}{2}$ — $66\frac{1}{2}$; culm. $18\frac{3}{4}$ — $17\frac{1}{2}$; tars. $20\frac{1}{2}$ — $19\frac{3}{4}$ mm.

♀♀ ad.: al. 84 — $78\frac{1}{2}$; cand. $62\frac{1}{2}$ — $60\frac{1}{2}$; culm. $16\frac{3}{4}$ — $16\frac{1}{2}$; tars. $18\frac{1}{2}$ mm.

Cayenne specimens agree generally with the Nattererian birds from Barra do Rio Negro, but they have the under-parts rather more suffused with yellowish.

[Cayenne (Selater collection in Mus. Brit.).]

207. *Philydor pyrrhodes* (Cabl.).

Anabates pyrrhodes Cabanis in Schomb., *Reise Brit. Guiana iii.* (1848) p. 689 (coast of Brit. Guiana—typ. in Mus. Brit.).

Iponsin, R. Appronagne: 1 ♀, December 28, 1902.

"Iris dark sepia, feet light sage-green, bill above clove-brown, below slate-grey." No. 12878.

This bird is evidently immature: it differs from a male from Munduapo, Orinoco, in having much shorter wings and tail, more olivaceous upper back and upper head, and the under-parts, uropygium, and tail of a paler cinnamonaceous.

208. *Xenops genibarbis* Ill.

Xenops genibarbis Illiger, *Prodr.* (1811) p. 213 (typ. ex Cametá, Brazil in Mus. Berol.).

Cayenne: 2 ♂♂ ad., October 11, November 28; 1 ♀ ad., November 14, 1902.

"Iris seal, feet plumbeous grey ('plumbeous'), bill above black, below pale with dusky tip ('and cutting edge')."

Nos. 60, 904, 965.

"♂♂" ad.: al. $67\frac{1}{2}$ —66; caud. $56\frac{1}{2}$ — $51\frac{1}{2}$; culm. $15\frac{1}{4}$ — $14\frac{1}{4}$; tars. 15 — $14\frac{1}{2}$ mm.

"♀" ad.: al. 62; caud. $48\frac{1}{2}$; culm. $14\frac{1}{4}$; tars. 14 mm.

[Oyapoc, Cayenne (Sclater collection ex Verdey in Mus. Brit.).]

209. *Xenops rutilus heterurus* Cab. & Hein.

[*Xenops rutilus* Lichtenstein, *Doubl. Verz.* (1823) p. 17 (typ. ex Bahia in Mus. Berol.).]

Xenops heterurus Cabanis et Heine, *Mus. Hein.* ii. (Aug. 1859) p. 33 (typ. "Columbien"—Mus. Hein.).

Cayenne: 1 ♂ and 2 ♀♀, October 13, 14, 18, 1902.

"Iris seal, feet plumbeous, bill above black, below pale with dusky tip ('and cutting edge')." "

Nos. 91, 124, 201.

♂: al. 63; caud. $44\frac{1}{2}$; culm. 12; tars. $13\frac{1}{2}$ mm.

♀♀: al. $62\frac{1}{2}$ —61; caud. $45\frac{3}{4}$ — $40\frac{1}{2}$; culm. $12\frac{1}{4}$ —12; tars. $13\frac{1}{2}$ — $13\frac{1}{4}$ mm.

Cayenne specimens agree best with Bogotá skins, but are smaller-sized. They have much more black in the tails than Brazilian birds.

210. *Glyphorhynchus cuneatus* (Licht.).

Dendrocolaptes cuneatus Lichtenstein, *Abh. Akad. Berl.* 1820. p. 204. tab. 2. fig. 2 (typ. ex Bahia cf. *Abh.* 1822. p. 266—in Mus. Berol.).

Cayenne: 1 ♀ ad., November 27, 1902.

Roche-Marie: 2 ♂♂, November 7, 11, 1902.

Ipousin, R. Approuague: 6 ♂♂ ad., December 25 (two), 27, 29, 1902, January 5, 6, 1903; 5 ♀♀ ad., December 24, 30, 1902, January 1 (two), 3, 1903.

"Iris seal (dark), feet slate (dusky slate, dusky greenish), bill blackish (dusky, above black, below slate, blackish slate above, below greyish slate." "

♂♂ ad.: al. 73— $66\frac{1}{2}$; caud. $73\frac{3}{4}$ — $56\frac{3}{4}$; culm. 13— $11\frac{3}{4}$; tars. $16\frac{1}{2}$ — $14\frac{1}{2}$ mm.

♀♀ ad.: al. 70— $65\frac{1}{2}$; caud. 69— $61\frac{1}{2}$; culm. $12\frac{1}{4}$ — $11\frac{3}{4}$; tars. $16\frac{1}{2}$ — $15\frac{1}{2}$ mm.

Nos. 597, 711, 937, 12785, 12808, 12809, 12867, 12895, 12903, 12947, 12948, 12978, 13004, 13020.

The Cayenne specimens differ from those from Bahia in having the upper throat much more suffused with rufous, less whitish.

[Oyapoc and Cayenne (coll. Jelski); Sclater collection and Salvin & Godman collection in Mus. Brit.; coll. Deplanches (*vide* Bp.).]

211. *Sclerurus rufigularis* Pelz.

Sclerurus rufigularis Pelzelin, *Zur Orn. Bras.* ii. (1868) pp. 87, 161. (descr. specim. ex Borba et Marabitanas, habit. typ. select. Borba in Mus. Vindob.)

Ipousin, R. Approuague: 1 ♀, January 3, 1903.

"Iris seal, feet slate-black, bill above blackish, below pale grey." No. 12980.

Al. 77; caud. $58\frac{1}{2}$; culm. $17\frac{3}{4}$; tars. $21\frac{1}{2}$ mm.

Mr. Hellmayr has kindly identified this bird for me. *S. rufigularis* Pelz. is easily distinguishable from *S. caudacutus* (Vieill.) by its much shorter and slender bill, and its rufous-brown throat.

[212. *Sclerurus caudacutus* (Vieill.).

[*Thamnophilus caudacutus* Vieillot, *Nouv. Dict.* iii. (1816) p. 310. (typ. ex Cayenne).

Cayenne (Sclater collection in Mus. Brit.).]

213. *Dendroornis guttatooides sororia* Berl. & Hart.

[*Nasica guttatooides* Lafresnaye,* *Rev. et Mag. de Zool.* 1850. p. 387. (typ. ex Lorette, Amaz. sup., coll. Castelnau in Mus. Paris—av. juv.).]

Dendroornis rostrispallens sororia Berlepsch et Hartert, *Nor. Zool.* ix. (April 1902) p. 63 (typ. ex Maipures, Orinoco—in Mus. H. v. B.).

Cayenne: 3 ♂♂ ad., November 1, 25, December 19, adult without indication of sex, November 1, 1902.

"Iris seal, feet greyish plumbeous, bill above blackish, pale below."

Nos. 426, 427, 897, 1145.

♂♂ ad.: al. 122—120½; caud. 110—109½; culm. 38¾—37½; tars. 24¾—24½ mm.

These birds agree in every respect with the typical bird from the Rio Orinoco.

[Cayenne (Selater collection in Mus. Brit. ?); Oyapoc (Salvin & Godman collection in Mus. Brit.).]

214. *Dendroornis pardalotus* (Vieill.).

Dendrocopus pardalotus Vieillot, *Nour. Dict.* xxvi. (1818) p. 117 (typ. ex Cayenne).

Ipousin, R. Approuague: 4 ♂♂ ad., December 25, 27, 29, 1902, January 5, 1903; 4 ♀♀ ad., December 25, 27, 1902, January 2, 6, 1903.

"Iris seal, feet slate, bill above clove-brown, below dusky grey."

Nos. 12827, 12828, 12846, 12861, 12862, 12885, 12964, 12997, 13019.

♂♂ ad.: al. 108½—97; caud. 101—87¾; culm. 36½—29; tars. 21¾—21½ mm.

♀♀ ad.: al. 109½—99½; caud. 94½—91¾; culm. 35½—31½; tars. 21½—20½ mm.

[Cayenne (Selater collection in Mus. Brit.); Oyapoc, Jelski leg.: Selater collection and Salvin & Godman collection in Mus. Brit.).]

215. *Dendroornis obsoleta multiguttata* (Lafre.).

[*Dendrocolaptes obsoletus* Lichtenstein, *Abhandl. Akad. Berl.* (1818-19) publ. 1820 (typ. ex Pará—cf. *ibid.* 1822. p. 265—in Mus. Berol., examin., H. v. B.).]

Nasica multiguttatus Lafresnaye, *Rev. et Mag. Zool.* 1850. p. 417 (hab. Fontiboa, Haut Amazone et du Brésil)—typ. in Mus. Paris†).

Dendroornis obsoleta notata (Eyt.) Berlepsch et Hartert, *Nor. Zool.* ix. (1902) p. 64 (Orinoco).

Approuague: 1 ♀ ad., December 19, 1902. No. 12774.

"Iris seal, feet slate-grey, bill dusky horn-grey, darker at base of maxilla."

This female agrees with specimens from the Middle Orinoco, and with others from the Rio Negro and Borba (coll. Natterer).

[Oyapoc (Selater collection in Mus. Brit. and in Mus. Paris ex Geay); R. Onanary (in Mus. Paris ex Geay).]

216. *Dendroplex picus* (Gml.).

Oriolus picus Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 384 (ex Daubenton, *Pl. Enl.* 605—typ. Cayenne).

Cayenne: 5 ♂♂ ad., October 14 (three), 20, November 27; 8 ♀♀ ad., October 13 (two), 14 (three), 16 (two), November 4, 1902.

Approuague: 1 ♂ ad., December 8, 1902.

* Cf. Meneg. & Hellm., *Mém. Soc. d'Hist. nat. d'Autun* xix. (1906) p. 100.

† *Ibid.* p. 55.

"Iris hazel, feet plumbeous with olive wash, bill above dusky grey, paler below."

Nos. 88, 89, 116, 117, 118, 119, 120, 121, 136, 137, 219, 510, 943, 1052.

♂♂ ad.: al. $102\frac{1}{2}$ —95; cand. $90\frac{1}{2}$ — $81\frac{1}{2}$; culm. $29\frac{1}{4}$ — $27\frac{1}{2}$; tars. $21\frac{1}{2}$ — $19\frac{1}{2}$ mm.

♀♀ ad.: al. 102—92; cand. 90—82; culm. 29— $26\frac{3}{4}$; tars. $22\frac{1}{2}$ — $20\frac{1}{2}$ mm.

[Cayenne (Buffon, coll. Deplanches (*vide* Bp.), Mus. Paris (ex Suard et Fabre), Mahury et Kouron (Mns. Paris ex Geay).]

[217. *Dendrexetastes rufigula* (Less.).

Dendrocolaptes (*Orthocolaptes*) *rufigula* Lesson, *Descr. Mammif. et Ois.* (1847) p. 281 (typ. ex Cayenne). Cf. Hellmayr, *Nor. Zool.* xiv. (1907) p. 366.

Dendrocolaptes temminckii Lafr. 1851.

Cayenne (Mus. Brit., Mns. H. v. B.).

Onanary (Mus. Paris ex Geay, Mns. Hein.).]

[218. *Hylexetastes perroti* (Lafr.).

Dendrocolaptes Perrotii Lafresnaye, *Rev. Zool.* 1844. p. 80 (typ. ex "Colombie").

Cayenne (Selater collection and Eyton collection in Mus. Brit.).]

[219. *Picolaptes puncticeps* Sel. & Salv.

Picolaptes puncticeps Selater et Salvin, *Nomencl. Av. Neotr.* (1873) pp. 69, 160 (typ. ex Cayenne—Mus. Brit.).

Cayenne (Selater collection in Mus. Brit.).

Guyane française (Faber leg. in Mus. Paris).]

[220. *Nasica longirostris* (Vieill.).

Dendrocopus longirostris Vieillot, *Nouv. Dict.* xxvi. (1818) p. 117 (ex "Brésil"—bab. substit. Rio Negro).

Cayenne (Levaillant, Selater collection in Mus. Brit.).]

221. *Xiphorhynchus procurvoides* Lafr.

Xiphorhynchus procurvoides Lafresnaye, *Rev. et Mag. de Zool.* 1850. p. 376 (typ. ex Cayenne).

Ipsosin, R. Approuague: 1 ♀ ad., December 29, 1902.

"Iris seal, feet dusky sage-green, bill above walnut-brown, below wood-brown." No. 12887.

Al. 92; cand. 83; culm. 61; tars. 19 mm.

X. procurvoides Lafr. is quite distinct from *X. trochilirostris* Licht. A specimen from Camacusa, Brit. Guiana (coll. Whitely) in Mus. H. v. B. agrees perfectly with the Cayenne bird.

[Cayenne (Selater collection in Mus. Brit., Mus. H. v. B.).

Oyapoc, Cayenne (Selater collection in Mus. Brit.).]

222. *Dendrocincla fuliginosa* (Vieill.).

Dendrocopus fuliginosus Vieillot, *Nouv. Dict.* xxvi. (1818) p. 117 (ex Levaill.—typ. ex Cayenne in Mus. Paris).

Ipsosin, R. Approuague: 2 ♂♂ ad., December 26, 1902, January 8, 1903; 1 ♀ ad., December 26, 1902.

"Iris drab-brown, feet slate, bill blackish."

Nos. 12844, 12845, 13061.

♂ ad. : al. $113\frac{1}{2}$ — $108\frac{1}{2}$; caud. $106\frac{1}{2}$ — $96\frac{1}{2}$; culm. $31\frac{1}{2}$; tars. $25\frac{1}{2}$ —25 mm.

♀ ad. : al. $106\frac{1}{2}$; caud. $96\frac{1}{2}$; culm. $28\frac{1}{2}$; tars. $23\frac{1}{2}$ mm.

[Cayenne (Mus. Paris ex Levaill.—*fide* Ménég. & Hellm.).]

[223. *Dendrocincla merula* (Licht.).

Dendrocolaptes Merula Lichtenstein, *Abh. Ac. Berlin*. 1818-19 (1820) p. 208 (typ. ex Cayenne—Mus. Berol.).

Cayenne (Mus. Berol.).]

224. *Dendrocolaptes certhia* (Bodd.).

Picus certhia Boddaert, *Tabl. Pl. Enl.* (1783) p. 38 (ex Daubenton, *Pl. Enl.* 621—typ. ex Cayenne).

Iponsin, R. Approuague : 1 ♀, January 8, 1903.

"Iris seal, feet greyish plumbeous, bill above blackish, below paler."

Al. 124 ; caud. $123\frac{1}{2}$; culm. $35\frac{1}{2}$; tars. $26\frac{1}{2}$ mm. No. 8062.

This bird agrees with specimens from Brit. Guiana.

[Cayenne (Buff.), coll. Delalande et Poiteau in Mus. Paris ; Rio Camopi (F. Geay leg. in Mus. Paris).]

225. *Dendrocolaptes plagosus* Salv. & Godm.

Dendrocolaptes plagosus Salvin et Godman, *Ibis* 1883. p. 20 (typ. ex. Camacusa, Brit. Guiana in Mus. Brit.).

Iponsin, R. Approuague : 1 ♂ (jr.), December 30, 1902.

"Iris seal, feet olive-greyish, bill black, smoke-grey at base of mandible."

No. 12921.

Al. 136 ; caud. 127 ; culm. $40\frac{1}{2}$; tars. 28 mm.

There is no difference between this bird and specimens from Brit. Guiana.

[Rio Carsevenne (M. F. Geay leg. in Mus. Paris).]

FAMILY FORMICARIIDAE.*

226. *Cymbilanius lineatus* (Leach).

Lanius lineatus Leach, *Zool. Misc.* i. Pl. vi. (1814) p. 20 (hab. Berbice, Brit. Guiana).

Iponsin, R. Approuague : 1 ♀ ad., January 1, 1903.

"Iris carmine, feet plumbeous, bill above black, below slate-grey."

Al. $76\frac{1}{2}$; caud. $76\frac{1}{2}$; culm. $23\frac{3}{4}$; tars. $25\frac{3}{4}$ mm. No. 12955.

This bird agrees with a female from Camacusa, Brit. Guiana.

[Cayenne (Selater collection in Mus. Brit.).]

* The following species of *Formicariidae* have not yet been found in Cayenne, but are likely to occur there :

1. *Dysithamnus mentalis* (Tem.). Brazil (Pará)—Pto. Cabello, Venezuela.

2. *Dysithamnus plumbeus* (Wied.). Lower Amazons, Venezuela.

3. *Ramphocaenus albiventris* Sel. Brit. Guiana, Surinam (*R. melanurus*, Pará).

4. *Cercomacra tyrannina* Sel. Brit. Guiana, Pará.

5. *Cercomacra cinerascens* Sel. Brit. Guiana.

6. *Myrmeciza griseipectus* Berl. & Hart. Brit. Guiana, Monte Alegre (northern bank of the Amazon).

[227. *Thamnophilus viridis* Vieill.

Thamnophilus viridis Vieillot, *Nouv. Dict.* iii. (1816) p. 318. descr. orig. ♀ (hab. l'Amérique méridionale, cf. Pucheran, *Arch. Mus. Paris* (1855) p. 354.—hab. typ. substit. Cayenne). Menegaux et Hellmayr, *Bull. Soc. Phil. de Paris*, 1906. p. 24.

Lanius lunatus Lesson, 1831.

Thamnophilus fuliginosus Gould, 1837.

Cayenne (Poiteau in Mus. Paris, Sclater collection in Mus. Brit., Baron Langier collection, Mus. Vindob. ex Becoer.)]

228. *Thamnophilus major semifasciatus* (Cab.).

[*Thamnophilus major* Vieillot, *Nouv. Dict.* iii. (1816) p. 313 (ex Azara typ. ex Paraguay).]

Diallactes semifasciatus Cabanis, *Journ. f. Orn.* 1872. p. 234 (hab. Pará, Guiana and Venezuela—habit. typ. select. Pará (autore Hellmayr).

Appronague : 3 ♀ ♀ ad., December 9 (two), 11, 1902.

"Iris carmine, feet plumbeous, bill black."

Nos. 1079, 1088, 1110.

♀ ♀ : al. 91—88½ ; cand. 78½—77½ ; culm. 29¼—28 ; tars. 34½—33½ mm.

These birds have the upper parts of a much darker chestnut than females from Bahia.

[Cayenne (Salvin & Godman collection in Mus. Brit., Mus. Vindob. ex Becoer.)]

[229. *Thamnophilus cinereoniger* Pelzeln.

Thamnophilus cinereoniger Pelzeln, *Zur Orn. Bras.* ii. (1868). pp. 76, 143 (hab. Rio Negro, Marabitanas, Rio Vaupé, Rio Amajau, Tapajoz, typ. select. ♂ ex Rio Negro in Mus. Vindob.).

Oyapoc, Cayenne (Salvin & Godman collection in Mus. Brit.).]

[230. *Thamnophilus polionotus* Pelzeln.

Thamnophilus polionotus Pelzeln, *Zur Orn. Bras.* ii. (1868). pp. 77, 147 (hab. Marabitanas, Barcellos, typ. select. ♂ ex Marabitanas in Mus. Vindob.).

Thamnophilus tristis, Sclater & Salvin 1873 (typ. ex Oyapoc, Cayenne).

Oyapoc, Cayenne (Sclater collection in Mus. Brit.).]

231. *Thamnophilus murinus* ScL. & Salv.

Thamnophilus murinus, Sclater & Salvin, *P.Z.S.* 1867. p. 756 (typ. select. ex Barra do Rio Negro in Mus. Vindob.—aut. Berlepsch et Hartert).

Iponsin, R. Appronague : 3 ♂ ♂ ad., December 26, 1902, January 2, 6, 1903 ; 2 ♀ ♀ ad., December 31, 1902, January 2, 1903.

"Iris grey ('seal'), feet slate-grey ('pale grey, greyish, ♀, grey with olive wash'), bill above black, below slate-grey."

Nos. 12855, 12926, 12961, 12966, 13032.

♂ ♂ ad. : al. 64—62 ; cand. 59½—54½ ; culm. 18¾—18¼ ; tars. 19¾—18¾ mm.

♀ ♀ ad. : al. 63—62 ; cand. 60½—59¾ ; culm. 17½ ; tars. 19½ mm.

Cayenne specimens agree with specimens from Brit. Guiana collected by H. Whitely. A topotypical male from Marabitanas has somewhat lighter underparts.

[Oyapoc, Cayenne (Sclater collection in Mus. Brit.). Cayenne (Mus. Vindob. ex Becoer.)]

232. *Thamnophilus naevius* (Gml.).

Lanius naevius Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 308 (ex Latham typ. ex Cayenne).

Thamnophilus ambiguus Pelzeln (nec Swains.), *Zur Orn. Bras.* ii. (1868) p. 76 Anm. 2 (♀ Cayenne ex Becoeur).*

Cayenne : 4 ♂♂ ad., October 31, November 1, 3, 29, 1902; 3 ♀♀ ad., October 31, November 3, 4, 1902.

Roche-Marie, Cayenne : 3 ♂♂ ad., November 6, 7, 8, 1902; 6 ♀♀ ad., November 6 (two), 7, 8, 11 (two), 1902.

R. Approuague : 4 ♂♂ ad., December 8 (three), 10, 1902; 1 ♀ December 8, 1902.

♂♂ : "Iris hazel, feet plumbeous, bill black, plumbeous at base of mandible."

♀♀ : "Iris hazel ('grey'), feet plumbeous, bill above black, below pale plumbeous."

♂♂ ad. : al. $70\frac{1}{2}$ —65; caud. $55\frac{1}{2}$ — $49\frac{1}{2}$; culm. $20\frac{1}{2}$ — $18\frac{1}{2}$; tars. $22\frac{1}{2}$ — $20\frac{3}{4}$ mm.

♀♀ ad. : al. $69\frac{1}{2}$ — $66\frac{1}{2}$; caud. $55\frac{1}{2}$ — $49\frac{1}{2}$; culm. $20\frac{1}{2}$ — $18\frac{1}{4}$; $23\frac{3}{4}$ — $20\frac{3}{4}$ mm.

Nos. 404, 405, 441, 491, 492, 507, 577, 578, 579, 602, 603, 627, 628, 693, 715, 982, 1046, 1047, 1048, 1049, 1105.

[Cayenne (Selater collection and Salvin & Godman collection—ex coll. Jelski in Mns. Brit., Mus. Hein., Mus. Vindob. ex Becoeur).]

233. *Thamnophilus amazonicus* Sel.

Thamnophilus amazonicus Selater, *P.Z.S.* 1858. p. 214. pl. 139. fig. 1 ♂, fig. 2 ♀ (typ. select. in Mns. Brit. ex "Upper Amazons" coll. Bates).

? *Thamnophilus ruficollis* Spix = *amazonicus* ♀ ?

Iposin, R. Approuague : 1 ♂ ad., January 6; 1 ♀ ad., January 6, 1902.

"Iris seal, feet grey (slate-grey), bill slate-grey at base of mandible (♂), above black, below slate-grey (♀)."

Nos. 13031, 13030.

♂ : al. $67\frac{1}{2}$; caud. $61\frac{1}{2}$; culm. $17\frac{3}{4}$; tars. $20\frac{1}{2}$ mm.

♀ : al. 67; caud. $57\frac{3}{4}$; culm. $16\frac{1}{4}$; tars. $19\frac{1}{2}$ mm.

The male is a fully adult bird. It has darker under-parts and shorter wings than an example from the Rio Tigre (Upper Amazons) and specimens from Bogotá in Mns. H. v. B.

[Oyapoc (Mus. Brit.).]

[234. *Thamnophilus cinereiceps* Pelzeln.

Thamnophilus cinereiceps Pelzeln, *Zur Orn. Bras.* ii. (1868) pp. 77, 145 (hab. Marabitanas, Rio Vaupé.—typ. select. ♂ ex Marabitanas in Mus. Vindob.).

Oyapoc (Selater collection and Salvin-Godman collection in Mns. Brit.).]

235. *Thamnophilus canadensis* (Linn.).

Lanius canadensis Linne, *Syst. Nat.* ed. xii. 1 (1766) p. 134 (ex Briss. "Canada"—hab. typ. subst. Cayenne aut. Berlepsch & Hartert).

Th. cirrhatus (Gml.).

Cayenne : 7 ♂♂ ad., October 13, 14, 29, 31, (two), November 1, 3; 3 ♀♀ ad., October 13, 31, November 1, 1902.

Roche-Marie : 1 ♀, November 11, 1902.

"Iris mars brown, feet plumbeous, bill black (♂♂), above black, below plumbeous, or with pale cutting edge (♀♀)."

* *Fide* Hellmayr in *litteris*.

♂♂ ad. : al. $73\frac{1}{2}$ —72 ; caud. $61\frac{1}{2}$ —58 ; culm. $21\frac{1}{2}$ — $19\frac{3}{4}$; tars. $24\frac{1}{2}$ — $23\frac{1}{2}$ mm.

♀♀ ad. : al. 73— $71\frac{1}{2}$; $64\frac{1}{2}$ — $58\frac{1}{2}$; culm. 21— $20\frac{1}{2}$; $24\frac{3}{4}$ — $24\frac{1}{2}$ mm.

Nos. 105, 106, 115, 380, 406, 407, 408, 429, 430, 490, 692.

Male specimens from British Guiana and the Orinoco delta (Orinoco make) are in no way different. Specimens from Pto. Cabello have the back of a much clearer rufous brown (instead of greyish brown with blackish marks). Specimens from the Middle Orinoco and from the Rio Branco are somewhat intermediate, but agree best with the Pto. Cabello birds. Nevertheless there is much variation in the shade of the brown back.

[Cayenne (Sc Slater collection in Mus. Brit., Mus. Hein., Mus. Vindob. ex Becoer, Mus. H. v. B., coll. Deplanches (*fide* Bp.).]

236. *Thamnophilus doliatus* (Linn.).

Lanius doliatus Linne, *Mus. Ad. Frid.* ii. *Prodr.* (1764) p. 12 loc. ignot. (hab. typ. subst. Cayenne aut. Berlepsch & Hartert).

Cayenne : 4 ♂♂ ad. and 3 ♂♂ jrs., October 28, 29 (two) jr., 31, November 1 (♂ jr.), 3 (♂ jrs.), 4 ; 4 ♀♀ ad., October 28, 31, November 3 (two), 1902.

Roche-Marie, Cayenne : 1 ♂ ad., November 10, 1 ♀ ad., November 11, 1902.

“ Iris primrose yellow ” (twice “ lemon yellow ”), “ feet plumbeous,” “ bill above black, below slate (‘ greyish ’),” in ♀ “ yellowish.”

♂♂ ad. : al. $79\frac{1}{2}$ —73 ; caud. $68\frac{1}{2}$ —62 ; culm. $21\frac{3}{4}$ —20 ; tars. $26\frac{1}{2}$ — $25\frac{3}{4}$ mm.

♀♀ ad. : al. 76—72 ; caud. 68— $63\frac{1}{2}$; culm. $20\frac{1}{4}$ — $18\frac{3}{4}$; tars. $26\frac{3}{4}$ — $25\frac{1}{2}$ mm.

Nos. 356, 371, 377, 378, 409, 410, 428, 483, 484, 485, 524, 655, 691.

[Cayenne (Mus. Vindob. ex Becoer, Mus. Hein., Mus. H. v. B., coll. Deplanches (*fide* Bp.).]

Although not much different, *Th. d. fraterculus* Berl. & Hart. from Venezuela shows much more white on the under-parts and less white in the crown.

[237. *Pygoptila stellaris* (Spix).

Thamnophilus stellaris Spix, *Ar. Bras.* ii. (1825) p. 27. tabl. xxxvi. fig. 2 (typ. ex Prov. Pará—olim in Mus. Monac.).

Pygoptila maculipennis (Scl.).

[Cayenne (Mus. Hein.).]

238. *Dysithamnus ardesiacus saturninus* (Pelz.).*

[*Dysithamnus ardesiacus* Slater et Salvin, *P. Z. S.* 1867. p. 756 (typ. ex Rio Napo—in Mus. Brit.).]

Thamnophilus saturninus Pelzelin (ex Natterer), *Zur Orn. Bras.* ii. (1868) pp. 147, 77 (hab. Cayenne, Borba, Serra Caranman, hab. typ. select. Borba).

Ipousin, R. Appronague : 4 ♂♂ ad., December 25, 28, 30, 1902, January 2, 1903 ; 1 ♂ imm., December 25, 1902 ; 4 ♀♀ ad., December 25 (two), 29, 1902, January 3, 1903.

“ Iris seal, feet slate-grey (‘ greyish, greyish flesh ’), bill black (‘ above black, below slate-black,’ dusky grey, ‘ grey ’).”

♂♂ ad. : al. 73—71 ; caud. $51\frac{1}{2}$ — $49\frac{1}{2}$; culm. $17\frac{3}{4}$ — $17\frac{1}{4}$; tars. $18\frac{3}{4}$ — $18\frac{1}{2}$ mm.

♀♀ ad. : al. 74— $70\frac{1}{2}$; caud. $51\frac{1}{2}$ — $48\frac{1}{2}$; culm. 17— $15\frac{3}{4}$; tars. $18\frac{3}{4}$ — $17\frac{1}{2}$ mm.

Nos. 12804, 12806 (*bis*), 12807, 12870, 12895, 12917, 12973, 12979.

* Cf. Hellmayr, *Verh. zool.-bot. Ges. Wien.* 1903. pp. 215, 216.

Cayenne birds are absolutely identical with specimens from Camacusa and Bartica Grove, British Guiana, collected by Mr. H. Whitely, jr., in Mus. H. v. B.

[Cayenne: ♂ in Mus. Vindob. ex Becoeur. Oyapoc: ♀ (Sclater collection in Mus. Brit.).]

239. *Thamnomanes glaucus* Cab.

Thamnomanes glaucus Cabanis, Wiegmann, *Arch. f. Naturg.* 1847. iii. (1847). p. 230 (typ. ex Cayenne in Mus. Berol.).

Ipousin, R. Approuague: 2 ♂♂ ad., December 27, 30, 1902; 1 ♂ imm., January 1, 1903; 2 ♀♀ ad., December 25, 30, 1902.

"Iris seal, feet slate-grey, bill black ('black, some grey at base of mandible,' 'black below slate')."

♂♂ ad.: al. $71\frac{3}{4}$ — $70\frac{1}{2}$; caud. $60\frac{1}{2}$ — $59\frac{1}{2}$; culm. $17\frac{1}{4}$ — $16\frac{1}{2}$; tars. $17\frac{1}{2}$ — $16\frac{3}{4}$ mm.

♀♀ ad.: al. $72\frac{1}{2}$ — $71\frac{1}{2}$; caud. 65— $61\frac{3}{4}$; culm. $15\frac{3}{4}$; tars. $16\frac{1}{2}$ mm.

Nos. 12803, 12869, 12910, 12911, 12945.

[Cayenne: ♂♀ in Mus. Vindob. ex Becoeur. Oyapoc: ♀ (Sclater collection in Mus. Brit.).]

240. *Myrmotherula pygmaea* (Gml.).

Muscicapa pygmaea Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788). p. 933 (ex Buff. et Daubenton, *Pl. Enl.* 831. f. 2.—typ. ex Cayenne—♀).

Cayenne: 1 ♂ ad., November 26, 1902.

Roche-Marie, Cayenne: 1 ♀ ad., November 11, 1902.

Ipousin, R. Approuague: 1 ♂ ad., December 31, 1902.

"Iris seal, feet sage-green ('greyish sage-green'), bill black ('above black, below dusky slate-grey')."

Nos. 714, 925, 12936.

♂♂ ad.: al. $42\frac{1}{2}$ — $41\frac{1}{2}$; caud. $20\frac{1}{4}$ — $18\frac{3}{4}$; culm. $13\frac{1}{2}$; tars. $15\frac{1}{4}$ — $14\frac{1}{2}$ mm.

♀ ad.: al. 42; caud. $18\frac{1}{2}$; culm. $13\frac{3}{4}$; tars. $15\frac{3}{4}$ mm.

[Cayenne (Buff., coll. Deplanches—*vide* Bp.).]

241. *Myrmotherula surinamensis* (Gml.).

Sitta surinamensis Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 442 (ex Latham—typ. ex Surinam).

Approuague: 1 ♂ ad., 1 ♀ ad., December 11, 1902.

Ipousin, R. Approuague: 1 ♂ ad., December 25, 1902.

"Iris seal, feet plumbeous, bill above black, below grey."

Nos. 1115, 1116, 12820.

♂♂ ad.: al. $50\frac{1}{4}$ — $49\frac{1}{2}$; caud. $24\frac{3}{4}$ — $24\frac{1}{2}$; culm. $14\frac{3}{4}$ — $13\frac{1}{4}$; tars. $16\frac{3}{4}$ — $14\frac{3}{4}$ mm.

♀ ad.: al. 49; caud. 22; culm. $12\frac{3}{4}$; tars. $16\frac{1}{4}$ mm.

[Cayenne (Sclater collection in Mus. Brit., Laugier collection in Mus. Paris.).]

[242. *Myrmotherula cherriei* Berl. & Hart.

Myrmotherula cherriei Berlepsch et Hartert, *Nov. Zool.* ix. (April 1902). p. 72 (typ. ♂ ex Perico, Orinoco in Mus. Tring).

Oyapoc (Sclater collection and Salvin & Godman collection in Mus. Brit.).]

243. *Myrmotherula guttata* (Vieill.).

Myrmothera guttata Vieillot, *Gal. Ois.* i. (1825) p. 251. pl. 155 (descr. et depict. ♂ ad. typ. ex Cayenne in Mus. Riocour).

Approuague : 1 ♂ ad., December 15, 1902.

Ipousin, R. Approuague : 1 ♂ ad., January 1, 1903; 4 ♀ ♀, December 25, 26, 31, 1902, January 6, 1903.

"Iris seal" (1 ♀, "pale yellowish"), "feet grey" ("slate-grey, pale grey"), "bill above black, below grey" ("slate grey, plumbeous").

♂ ♂ ad. : al. $54\frac{1}{2}$ — $50\frac{1}{2}$; caud. $24\frac{1}{2}$; culm. $14\frac{3}{4}$ — $13\frac{3}{4}$; tars. $18\frac{3}{4}$ — $18\frac{1}{4}$ mm.

♀ ♀ ad. : al. 53— $51\frac{1}{2}$; caud. $27\frac{1}{2}$ — $25\frac{1}{2}$; culm. $14\frac{1}{2}$ — $13\frac{1}{4}$; tars. $19\frac{1}{4}$ — $18\frac{1}{2}$ mm.

Nos. 12727, 12819, 12832, 12933, 12950, 13023.

[Cayenne (Riocour coll., Langier coll. in Mus. Paris), Oyapoc (Sclater collection in Mus. Brit.).]

244. *Myrmotherula gutturalis* ScL. & Salv.

Myrmotherula gutturalis Sclater et Salvin, *Ibis* 1881. p. 269 (typ. ex Bartica Grove, Brit. Guiana in Mus. Brit.).

Ipousin, R. Approuague : 2 ♂ ♂ ad., December 24, 1902, January 2, 1903; 3 ♀ ♀ ad., December 24, 27, 28, 1902.

"Iris pale yellowish, feet grey, bill above black, below slate-black (above blackish, below plumbeous, black cutting edges plumbeous)."

Nos. 12789, 12791, 12866, 12876, 12970.

♂ ♂ ad. : al. $51\frac{1}{2}$ — $50\frac{1}{2}$; caud. $41\frac{1}{2}$ — $40\frac{1}{2}$; culm. $13\frac{1}{4}$; tars. $15\frac{1}{2}$ mm.

♀ ♀ ad. : al. $51\frac{1}{2}$ —50; caud. $40\frac{1}{2}$ — $38\frac{3}{4}$; culm. $13\frac{3}{4}$ — $13\frac{1}{2}$; tars. 16— $15\frac{1}{2}$ mm.

Mr. Cherrie's specimens are quite identical with topotypical specimens from Camacusa, British Guiana (coll. H. Whitely) in Mus. H. v. B.

This species had not yet been recorded from Cayenne.

[245. *Myrmotherula pyrrhonota* ScL. & Salv.

Myrmotherula pyrrhonota Sclater et Salvin, *Nomencl. Ar. Neotr.* (1873). pp. 72, 160 (hab. Marabitanas, Rio Negro and Oyapoc—typ. select. ♂ Marabitanas (coll. Natterer in Mus. Brit.).

Oyapoc, Cayenne (Sclater collection in Mus. Brit.).]

246. *Myrmotherula axillaris* (Vieill.).

Myrmothera axillaris Vieillot, *Nouv. Dict.* xii. (1817) p. 113 (typ. ex La Guyane, sc. Cayenne).

Cayenne : 1 ♀, November 2, 1902.

Approuague : 5 ♂ ♂ ad., December 10 (three), 15 (two); 1 ♀, December 8, 1902.

Ipousin, R. Approuague : 1 ♂ ad., December 25, 2 ♀ ♀, December 24, 1902, January 5, 1903.

"Iris seal, feet plumbeous ('bright slate-grey, bright blue-grey'), bill black (♂ ♂ 'above black, below plumbeous grey'), ('above blackish, below greyish,' 'above slate-black, below grey') (♀ ♀)."

♂ ♂ : al. 52— $48\frac{1}{2}$; caud. $37\frac{1}{2}$ — $35\frac{1}{2}$; culm. $13\frac{3}{4}$ — $12\frac{3}{4}$; tars. $15\frac{1}{2}$ — $14\frac{3}{4}$ mm.

♀ ♀ : al. 51— $49\frac{1}{2}$; caud. $38\frac{3}{4}$ — $34\frac{3}{4}$; culm. 14— $13\frac{1}{2}$; tars. $15\frac{3}{4}$ — $14\frac{3}{4}$ mm.

Nos. 457, 1051, 1092, 1107, 1108, 12728, 12729, 12792, 12821, 13013.

[Cayenne (Riocour collection, coll. Deplanches (*sic* Bp.), coll. Jelski—Salvin & Godman collection in Mus. Brit., Mus. Hein.).]

247. *Myrmotherula longipennis* Pelz.

Myrmotherula longipennis Pelzelin, *Zur Orn. Bras.* ii. (1868) pp. 82, 153 (hab. Rio Negro, Marabitanas—typ. select. ex Marabitanas, Mus. Vindob.).*

Le Grisin de Cayenne femelle, Daubenton, *Pl. Enl.* 643. f. 2 (ex Cayenne) ♂ ad.

Iponsin, R. Approuague : 4 ♂ ad., December 24, 30 (two), January 7, 1903 ; 4 ♀ ad., January 1 (two), 5, 7, 1903.

"Iris seal (cinereous), feet slate-grey ('plumbeous'), bill black ('above black, below slate-black,' 'below pale grey')."

♂ ad. : al. $61\frac{3}{4}$ —58 ; cand. $38\frac{1}{2}$ — $34\frac{3}{4}$; culm. $14\frac{1}{2}$ — $12\frac{3}{4}$; tars. $15\frac{3}{4}$ — $14\frac{3}{4}$ mm.

♀ ad. : al. $61\frac{1}{2}$ — $58\frac{1}{2}$; cand. 40—33 ; culm. $14\frac{1}{2}$ — $13\frac{3}{4}$; tars. $15\frac{1}{2}$ —14 mm.

Nos. 12790, 12908, 12909, 12951, 12952, 12304, 13013, 13044.

These specimens agree with others from British Guiana, and are apparently not different from typical birds from the Rio Negro.

[Oyapoc, Cayenne, ♂ ♀ : Selater collection in Mus. Brit., Cayenne (coll. Martin in Mus. Paris).]

248. *Myrmotherula cinereiventris* Sel. & Salv.

Myrmotherula cinereiventris Selater et Salvin, *P. Z.* [S. 1867. p. 756 (typ. ex Cayenne in Mus. Brit.).

Iponsin, R. Approuague : 2 ♂ ad., December 24, 25 ; 2 ♀ ad., December 28, 30, 1902.

"Iris seal ('sepia'), feet slate-grey, bill above black, below slate-black ('slate-grey')."

Nos. 12793, 12818, 12875, 12906.

♂ ad. : al. $54\frac{1}{4}$ — $51\frac{1}{2}$; cand. $27\frac{1}{2}$ — $26\frac{1}{2}$; culm. $14\frac{3}{4}$; tars. $15\frac{3}{4}$ mm.

♀ ad. : al. 55—53 ; cand. $29\frac{1}{2}$ — $27\frac{1}{2}$; culm. $14\frac{1}{4}$; tars. $16\frac{1}{4}$ —15 mm.

[Cayenne (Selater collection in Mus. Brit., Mus. Vindob. ex Becoer).]

[249. *Terenura elaopteryx* Lev.

Terenura elaopteryx Leverkühn, *Journ. f. Orn.* 1889. Jan., p. 107 (typ. ex Cayenne—Mus. Kiel, nunc in Mus. Berol. ?).

Cayenne (Mus. Kiel—nunc in Mus. Berol. ?).]

250. *Ramphocaenus collaris* Pelz.

Ramphocaenus collaris Pelzelin, *Zur Orn. Bras.* ii. (1868) pp. 84, 157 (hab. Barra do Rio Negro, Marabitanas, Rio Içanua—typ. select. ♂, Barra in Mus. Vindob.).

Iponsin, R. Approuague : 1 ♂ ad., December 29, 1902 ; 1 ♀ ad., January 3, 1903.

"Iris seal, feet plumbeous grey, bill above black, below pale greyish."

Nos. 12888, 12981.

♂ : al. 52 ; cand. 32 ; culm. $18\frac{3}{4}$; tars. $23\frac{1}{2}$ mm.

♀ : al. $50\frac{1}{2}$; cand. $32\frac{3}{4}$; culm. $17\frac{3}{4}$; tars. $23\frac{1}{2}$ mm.

A specimen from the Rio Içanna (coll. Natterer) agrees with the Cayenne birds, showing perhaps a little more rusty suffusion on the upper parts.

[Oyapoc ♀ Jelski leg. in Selater collection, nunc in Mus. Brit.]

* Daubenton's Plate 643, f. 2, placed by Mr. Selater with a query among the synonyms of *M. axillaris*, evidently represents *M. longipennis* Pelz., showing the white apical margins to the tail-feathers which are found in this species, but not in *M. axillaris*.

251. *Formicivora grisea* (Bodd.).

Turdus griseus Boddaert, *Tabl. Pl. Enl.* (1783) p. 39 (ex Daubenton, *Pl. Enl.* 643. fig. 1—ex Cayenne, typ. in Mus. Paris—*ŷide Ménéçg. & Hellm.*).

Cayenne : 5 ♂♂ ad., October 10, 18 (two), 31, November 25 ; 3 ♂♂ jrs., October 13, 14 ; 8 ♀♀ ad., October 10, 11, 13, 14, 17 (two), 21, 31, November 1, 1902.

Roche-Marie, Cayenne : 1 ♂ juv. (in female dress), November 13, 1902.

“ Iris seal, feet plumbeous (‘ bright plumbeous,’ ‘ blackish plumbeous,’ ‘ dusky plumbeous,’ ‘ slate ’), bill black (‘ above black, below plumbeous,’ ‘ above black, below slate ’).”

♂♂ : al. $57\frac{1}{2}$ —56 ; caud. 51—48 ; culm. $15\frac{1}{2}$ — $14\frac{3}{4}$; tars. $20\frac{3}{4}$ — $19\frac{3}{4}$ mm.

♂♂ : al. $56\frac{3}{4}$ —54 ; caud. $52\frac{1}{2}$ — $48\frac{1}{2}$; culm. $15\frac{1}{2}$ — $14\frac{1}{2}$; tars. $20\frac{3}{4}$ — $19\frac{1}{2}$ mm.

Nos. 38, 39, 74, 101, 107, 111, 114, 164, 165, 189, 190, 247, 423, 424, 442, 751, 903.

Brazilian birds (from Bahia, etc.), as a rule, have the upper parts rather paler and more brownish (less greyish and blackish), and perhaps could be distinguished as *F. g. nigricollis* (Swainson).

[Cayenne (Buff. in Mus. Paris, Selater collection ♂ and ♀ in Mus. Brit., Mus. H. v. B.).]

252. *Formicivora consobrina microsticta* subsp. nov.

[*Formicivora consobrina* Selater, *P. Z. S.* 1860 pp. 279, 294 (typ. ex Babahoyo, Ecuador occ. in Mus. Brit.).]

F. F. consobrina Sel. dictae maxime affinis differt maculis albis teetricum alarum superiorum majorum apicalibus multo minoribus nec plagam magnam albam formantibus.

♂♂ ad. : al. 54—52 ; caud. $50-47\frac{1}{2}$; culm. $14\frac{3}{4}$ — $14\frac{1}{4}$; tars. $16\frac{3}{4}$ — $16\frac{1}{2}$ mm.

♀♀ ad. : al. 52—51 ; caud. $48\frac{1}{2}$ — $47\frac{1}{2}$; culm. $14\frac{1}{2}$ — $14\frac{1}{4}$; tars. $16\frac{3}{4}$ — $16\frac{1}{2}$ mm.

Habitat : in Cayenne (Cherrie leg., et in Mus. Brit.).

Typus in Mus. Tring (♂ ad. Approuague, Cherrie leg., No. 12736).

Approuague : 5 ♂♂ ad., December 9 (three), 15, 16 ; 2 ♀♀ ad., December 8, 9, 1902.

“ Iris seal, feet plumbeous, bill black.”

Nos. 1057, 1070, 1071, 1072, 1083, 12730, 12736.

The Cayenne specimens of this form collected by Mr. Cherrie differ from *F. consobrina* Sel. from W. Ecuador, with which Mr. Selater has associated his Cayenne bird, by having much smaller rounded white spots on the tips of the larger upper wing-coverts, these spots being not much larger than those on the middle and smaller coverts, while in *F. consobrina* as well as in the allied *F. boucardi* and *F. quixensis* they are very much larger, forming a large white area on the wing. This difference is to be seen in both sexes. Otherwise the Cayenne form resembles *F. consobrina* Sel. of Colombia, and presents the same long white tips to the outer tail-feathers, while *F. boucardi* has them very much shorter.

As far as I can judge from a single female of *F. consobrina* from Chimbo, W. Ecuador, in my collection, the Cayenne females have the under-parts of a somewhat lighter rufous brown, and are more blackish, less greyish on the front.

[Cayenne (Selater collection in Mus. Brit.).]

253. *Myrmeciza ferruginea* (Müll.).

Turdus ferrugineus Müller, *Natursyst. Suppl.* (1776) p. 141. ex Daubenton, *Pl. Enl.* 500. fig. 2.—
typ. ex Cayenne in Mus. Paris.
Myrmeciza cinnamomea (Gml.) aut.

Ipousin, R. Approuague : 3 ♂♂ ad., January 1, 5, 8, 1903 ; 1 ♀ ad., December 31, 1902.

"Iris seal, feet slate ('slate-grey'), bill above black, below slate-grey ('cutting edges of maxilla and mandible plumbeous' ♀)."

Nos. 12932, 12956, 12998, 13055.

♂♂ : al. $69\frac{1}{2}$ —64 ; caud. $59\frac{1}{2}$ —55 ; culm. $20\frac{3}{4}$ —20 ; tars. 28— $26\frac{1}{2}$ mm.

♀ : al. $66\frac{1}{2}$; caud. 54 ; culm. $19\frac{3}{4}$; tars. $25\frac{3}{4}$ mm.

[Cayenne (Mus. Paris, typ. ex Buffon, Selater collection and Atkins in Mus. Brit., Mus. Hein., Mus. Vindob. ex Becoeur et Delalande, Mus. H. v. B. ♀).]

254. *Myrmeciza atrothorax* (Bodd.).

Formicarius atrothorax Boddaert, *Tabl. Pl. Enl.* (1783) p. 44 (ex Daubenton, *Pl. Enl.* 701. fig. 2—
typ. ex Cayenne—♂).

Cayenne : 6 ♂♂ ad., October 22, November 1, 2, 19, 21, 24 ; 1 ♂ semi-ad., October 17, 2 ♀♀ ad., November 24, 26, 1902.

Roche-Marie, Cayenne : 2 ♂♂ ad., November 7 (two) ; 1 ♀ ad., November 7, 1902. Approuague : 1 ♂ juv. December 6, 1902.

"Iris seal, feet dusky (dusky flesh, bill black)."

Nos. 167, 207, 444, 473, 599, 600, 601, 827, 841, 876, 877, 931, 1031.

♂♂ ad. : al. $57\frac{1}{2}$ — $55\frac{1}{4}$; caud. 58— $50\frac{1}{2}$; culm. $17\frac{1}{2}$ — $15\frac{3}{4}$; tars. $25\frac{3}{4}$ — $24\frac{1}{2}$ mm.

♀♀ ad. : al. $56\frac{3}{4}$ —55 ; caud. $53\frac{1}{2}$ — $52\frac{1}{2}$; culm. $17\frac{1}{4}$; $25\frac{1}{2}$ — $24\frac{1}{2}$ mm.

[Cayenne (Buff., coll. Deplanches, *vide* Bp., ♀ in Mus. H. v. B.), Oyapoc ♀, Jelski leg.]

[255. *Myrmeciza pelzelni* Sel.

Myrmeciza pelzelni Selater, *Cat. Birds Brit. Mus.* xv. (1890) p. 283 (typ. ex Marabitanas, Rio Negro, Natterer leg. in Mus. Brit.).

Oyapoc : ♂ ♀ in Salvin & Godman collection (nunc in Mus. Brit.).]

[256. *Herpsilochmus sticturus* Salv.

Herpsilochmus sticturus Salvin, *Ibis* 1885. p. 424 (hab. Bartica Grove et Camacusa, Brit. Guiana, hab. typ. select. Bartica Grove ♂ in Mus. Brit.).

Cayenne : ♀ in Mus. Paris (*vide* Ménég. et Hellm.).]

257. *Hypocnemis cantator* (Bodd.).

Formicarius cantator Boddaert, *Tabl. Pl. Enl.* (1783) p. 44 (ex Daubenton, *Pl. Enl.* 700. fig. 2—
typ. ex Cayenne).

Roche-Marie, Cayenne : 2 ♂♂ ad., November 6, 7 ; juv., November 6, 1902.

Ipousin, R. Approuague : 7 ♂♂ ad., December 25, 26 (two), 30, 1902, January 2, 5 (two), 1903 ; 1 ♂ juv., December 25, 1902 ; 4 ♀♀, December 26, 1902, January 5 (three), 1903.

"Iris seal, feet slate-grey ('pale grey,' 'greyish,' 'greenish grey,' 'grey with olive wash'), bill above black, below greyish (slate-grey)."

♂ ♂ : al. 55—51 ; caud. $43\frac{3}{4}$ —38 ; culm. $15\frac{1}{2}$ — $13\frac{3}{4}$; tars. $19\frac{3}{4}$ — $18\frac{1}{2}$ mm.

♀ ♀ : al. 54— $50\frac{1}{2}$; caud. $41\frac{1}{2}$ — $37\frac{1}{2}$; culm. $14\frac{3}{4}$ — $14\frac{1}{2}$; tars. $19\frac{1}{2}$ — $18\frac{1}{2}$ mm.

Nos. 582, 583, 606, 12822, 12823, 12833, 12834, 12835, 12907, 12977, 12999, 13000, 13001, 13002, 13003.

[Cayenne (Buff., Sclater collection in Mus. Brit., Mus. Vindob. ex Becoeur).]

[258. *Hypocnemis flavescens* Scl.

Hypocnemis flavescens Sclater, *P. Z. S.* 1864. p. 609 (typ. ex Marabitanas, Rio Negro, in Mus. Brit.).

Oyapoc (Sclater collection in Mus. Brit.).]

259. *Hypocnemis naevia* (Gml.).

Pipra naevia Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 1003 (ex Buff. et Daubenton, *Pl. Enl.* 823 fig. 2—ex Cayenne).

Hypocnemis thersac (part.) Sclater (nec Des Murs), *Cat. Birds Brit. Mus.* xv. (1890) p. 292 (Oyapoc).*

Iponsin, R. Approuague : 1 ♂ ad., December 26 ; 2 ♀ ♀ ad., December 26, 28, 1902.

“ Iris seal, feet pale flesh, bill black.”

Nos. 12837, 12838, 12877.

♂ : al. $56\frac{1}{2}$; caud. $36\frac{1}{2}$; culm. $15\frac{3}{4}$; tars. $20\frac{1}{2}$ mm.

♀ ♀ : al. $58\frac{1}{2}$ — $56\frac{1}{2}$; caud. 35 ; culm. $15\frac{1}{2}$; tars. $19\frac{3}{4}$ mm.

[Cayenne (Mus. Paris ex Laugier, Buff., Mus. Vindob., ♂ ♀ ex Becoeur). Camopi (Mus. Paris ex Geay).

Oyapoc, Cayenne (♂ ♀ Sclater collection in Mus. Brit.).]

260. *Hypocnemis leucophrys angustirostris* (Cab.).

[*Pithys leucophrys* Tschudi, *Consp. Av.* in Wieg. *Arch.* 1844. p. 18 (typ. ex Vitoc, R. Tullumayo, Peru in Mus. Neuchâtel—cf. *Fauna Peruana Aves.* p. 177).]

Conopophaga angustirostris Cabanis, in Schomb. *Reise Brit. Guiana*, iii. (1848) p. 685 (hab. Brit. Guiana—typ. in Mus. Berol.).

Approuague : 5 ♂ ♂ ad., December 8 (two), 9 (two), 10, 1902 ; 5 ♀ ♀ ad., December 8, 10, 11, 15 17, 1902.

“ Iris seal (♂ ♂), dusky grey (♀ ♀), feet plumbeous, bill black.”

♂ ♂ ad. : al. $69\frac{1}{2}$ —68 ; caud. 48— $44\frac{1}{2}$; culm. $17\frac{1}{2}$ — $17\frac{1}{4}$; tars. 25— $24\frac{1}{2}$ mm.

♀ ♀ ad. : al. 67—65 ; caud. $46\frac{1}{2}$ —43 ; culm. $17\frac{1}{4}$ — $16\frac{1}{2}$; tars. $25\frac{3}{4}$ — $24\frac{1}{2}$ mm.

Nos. 1034, 1040, 1065, 1074, 1081, 1096, 1104, 1109, 12728, 12754.

[Cayenne (Mus. Hein.).]

261. *Hypocnemis poecilinota* Cab.

Hypocnemis poecilinota Cabanis, Wieg. *Arch.* 1847. pt. i. (1847) p. 213. Pl. iv. f. 2 (typ. ex Brit. Guiana—in Mus. Berol.).

Iponsin, R. Approuague : 2 ♂ ♂ ad., December 26, 1902, January 8, 1903 ; 2 ♀ ♀ ad., December 24, 1902, January 7, 1903.

“ Iris seal, feet grey (‘pale grey’), bill black.”

♂ ♂ ad. : al. 68—64 ; caud. $45\frac{3}{4}$ — $39\frac{3}{4}$; culm. $17\frac{3}{4}$; tars. $23\frac{3}{4}$ — $22\frac{1}{2}$ mm.

♀ ♀ ad. : al. $66\frac{1}{2}$ — $62\frac{1}{2}$; caud. $44\frac{1}{2}$ — $40\frac{3}{4}$; culm. $17\frac{1}{2}$ — $16\frac{3}{4}$; tars. $23\frac{1}{2}$ — $22\frac{1}{2}$ mm.

Nos. 12788, 12839, 13046, 13058.

* Nec *H. naevia* apud Sclater *ibid.* p. 291, qui = *H. punctulata* (Des Murs) cf. Meneg. & Hellm, *Bull. Soc. Phil. Paris* 1906. p. 45.

These birds agree with others from British Guiana and the Orinoco River. As a rule the females from British Guiana may have the dorsal feathers more uniform, less spotted with black and less margined with fulvous than those from other localities.

Cayenne (Mus. Vindob., ♂ ♀, ex Becoer).

262. *Hypocnemis melanopogon* Sel.

Hypocnemis melanopogon Selater, *P.Z.S.* 1857. p. 130 (descr. orig. ♂ ad. ex Guiana—cf. *Cat. Coll. Am. B.* p. 188. No. 1151a. excl. specim. ex Chamicuro, qui = *H. maculicanda* Pelz.—typ. in Mus. Brit.).

Myrmoborus obscurus Cabanis et Heine, *Mus. Hein.* ii. (19 July, 1859) p. 9. descr. av. jr. ex Cayenne—typ. in Mus. Hein. examin.—H. v. B.).

Approuague : 1 ♂ ad., December 8 ; 2 ♀ ♀ ad., December 10 (two), 1902.

“Iris cinereous, feet plumbeous, bill above black, below slate-black (plumbeous).”

Nos. 1066, 1090, 1106.

♂ ad. : al. $62\frac{1}{2}$; caud. $36\frac{1}{2}$; culm. $17\frac{1}{4}$; tars. $19\frac{3}{4}$ mm.

♀ ♀ ad. : al. $62\frac{1}{2}$; caud. $38-36\frac{1}{2}$; culm. $16\frac{3}{4}$; tars. $20\frac{1}{2}-19\frac{3}{4}$ mm.

[Cayenne (Selater collection in Mus. Brit.), Mus. Hein. ; Oyapoc (Selater collection in Mus. Brit.).]

263. *Sclateria naevia* (Gml.).

Sitta naevia Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 442 (ex Edwards, Pl. 346.—typ. ex Surinam) ♂.

Approuague : 2 ♂ ♂ ad., December 10, 19 ; 1 ♀ ad., December 8, 1902.

Ipousin, R. Approuague : 1 ♀ ad., December 28, 1902.

“Iris drab (‘drab-brown’), feet dusky (‘dusky flesh-colour’), bill above black, below slate-black (‘slate-grey’).”

♂ ♂ ad. : al. $71\frac{3}{4}-67\frac{1}{2}$; caud. $51\frac{3}{4}-48\frac{1}{2}$; culm. $23\frac{3}{4}-23\frac{1}{2}$; tars. $25\frac{3}{4}-23\frac{3}{4}$ mm.

♀ ♀ ad. : al. $69-65\frac{1}{2}$; caud. $50-48\frac{3}{4}$; culm. $23\frac{1}{2}-23$; tars. $25\frac{1}{2}-24\frac{1}{2}$ mm.

Nos. 1064, 1091, 12775, 12871.

[Cayenne (Selater collection) in Mus. Brit.).]

264. *Sclateria leucostigma* (Pelz.).

Pernostola leucostigma Pelzelin (ex Natterer & Lafresnaye MS.), *Zur Orn. Bras.* ii. (1868) pp. 86, 160 (hab. Cayenne, Rio Negro, Marabitanas, Rio Vaupé, Barra do Rio Negro—hab. typ. select. Barra—typ. in Mus. Vindob.).

Heterocnemis simplex Selater, *P.Z.S.* 1868 (publ. 1869) typ. ex Surinam.

Ipousin, R. Approuague : 1 ♂ ad., January 5, 1903 ; ♂ ? fere ad., December 24, 1902 ; 1 ♀ ad., January 5, 1903.

“Iris grey (‘seal’), feet greyish flesh (‘pale greyish flesh’), bill above black, below slate-grey.”

Nos. 12798, 13008, 13005.

♂ ad. : al. $67\frac{1}{2}$; caud. $59\frac{1}{2}$; culm. 21 ; tars. $25\frac{1}{2}$ mm.

♀ ad. : al. $66\frac{1}{2}$; caud. $57\frac{1}{2}$; culm. $20\frac{3}{4}$; tars. 20 mm.

These specimens agree perfectly with Pelzelin’s type specimen from the Rio Negro and with others from Bartica Grove, Brit. Guiana, in Mus. H. v. B.

[Cayenne (♂ in Mus. Vindob. ex Becoer), Oyapoc, St. George, March 13, 1869 (Jelski leg.) in Mus. Vindob.]

[265. *Sclateria argentata* (Des Murs).

Herpsilochmus argentatus Des Murs, *Voy. Casteln. Ois.* (1855) p. 53. Pl. xvii. fig. 2 (typ. ex Nauta, Amaz. sup. in Mus. Paris, ♂ jr.—*vide* Meneg. & Hellm.).

Oyapoc: ♂ jr. (Sclater collection in Mus. Brit.).]

[266. *Myrmelastes melanothorax* (Scl.).*

Thamnophilus melanothorax Sclater, *P.Z.S.* 1857. p. 133 (descr. ♀ hab. "in America meridionali"?—hab. substit. Cayenne).

Thamnophilus mocstus Pelzeln, 1868 (typ. ex Cayenne).

Thamnophilus camopiensis Menegaux, 1904 (typ. ex Camopi, Cayenne).

Cayenne (Mus. Vindob.), Camopi, French Guiana (coll. Geay in Mus. Paris).]

267. *Percnostola rufa* (Bodd.).

Turdus rufus Boddaert, *Tabl. Pl. Enl.* (1783) p. 39 (ex Daubenton, *Pl. Enl.* 644. fig. 1.—typ. ex Cayenne) ♀.

Percnostola funebris (Licht.).

Ipousin, R. Appronague: 1 ♂ ad., January 5, 1903; 1 ♂ juv. in transition plumage, December 24; 3 ♀ ♀ ad., December 26, 1902.

"Iris chestnut (♂ ad.), 'sepia' (♂ juv.), 'seal, brick-red, hazel' (♀), feet slate-grey ('greyish flesh, plumbeous), bill black ('above black, below slate-grey')."

Nos. 12830, 12996, 13026, 15419, 15422.

♂ ad.: al. $75\frac{1}{2}$ — $73\frac{1}{2}$; caud. $60\frac{1}{2}$; culm. $21\frac{1}{4}$ — $19\frac{3}{4}$; tars. $29\frac{1}{2}$ — $27\frac{3}{4}$ mm.

♀ ♀ ad.: al. 75 — $71\frac{1}{2}$; caud. $62\frac{1}{2}$ — $60\frac{1}{2}$; culm. $20\frac{3}{4}$ — $19\frac{1}{4}$; tars. $29\frac{1}{2}$ — $28\frac{1}{2}$ mm.

Cayenne (Mus. Paris, ♂ ♂, ♀, ex Poiteau, Langier et Milne-Edwards, Mus. Vindob., ♂ (ex Becoer), Sclater coll. in Mus. Brit.). Oyapoc, Cayenne (Sclater collection in Mus. Brit.).

268. *Cercomacra nigrescens* (Cab. & Heine).

Percnostola nigrescens Cabanis et Heine, *Mus. Hein.* ii. (July 1859) p. 10 (descr. orig. typ. ex Cayenne in Mus. Heiu.).

Appronague: 8 ♂ ♂ ad., December 6, 8 (four), 10 (two), 13; 1 ♂ imm. with remains of the rufous plumage, December 8; 5 ♀ ♀ ad., December 6, 8 (three), 9; 1 ♀ (probably young male), December 6, 1902.

"Iris drab ('sepia'), feet 'grey' (plumbeous), 'bill black' ('above black, below grey,' 2 ♀ ♀)."

Nos. 1027, 1028, 1029, 1036, 1037, 1038, 1041, 1042, 1043, 1044, 1045, 1073, 1088, 1089, 1140.

♂ ♂ ad.: al. $72\frac{1}{2}$ —69; caud. 70 — $64\frac{1}{2}$; culm. $20\frac{3}{4}$ — $19\frac{1}{2}$; tars. $25\frac{1}{2}$ — $23\frac{3}{4}$ mm.

♀ ♀ ad.: al. 69 —66; caud. $62\frac{1}{2}$ —59; culm. $19\frac{3}{4}$ — $18\frac{1}{4}$; tars. $24\frac{1}{2}$ — $23\frac{1}{2}$ mm.

There is a good deal of individual variation, as illustrated by the specimens composing the series now before me. Some individuals have the upper wing-coverts of a nearly uniform black, while others have them slightly tipped or margined with white; others show but very slight traces of the white apical margins, and are perfectly intermediate between those with the uniform black wing-coverts and those with the white-tipped coverts.

* Meneg. & Hellm., *Bull. Soc. Phil. de Paris* 1906. p. 33.

The primary coverts as well as the feathers of the alula in some specimens show broad white margins to the outer webs, while these margins are either altogether absent or but slightly indicated in other individuals of the series. *C. nigrescens* is a near ally of *Pyriglena serva* Scl., but the latter, as lately shown by Dr. Hellmayr, is also a *Cercomacra* and not a *Pyriglena* at all. Dr. Selater had already placed a female of *C. nigrescens* under the head of *C. serva* (viz. No. "i," ♀ ad., Cayenne?) as Hellmayr tells me.

I have compared the type in the Museum Heineanum, kindly lent to me by Oberamtman F. Heine, and have found it to agree perfectly with male specimens collected by Mr. Cherrie.

[269. ***Cercomacra napensis*** Scl.

Cercomacra napensis Selater, *P.Z.S.* 1868 p. 572 (typ. ex Rio Negro in Mus. Brit.).

Cayenne, ♂, and Oyapoc, ♂ (Selater collection in Mus. Brit.).]

[270. ***Pyriglena leuconota*** (Spix).

Thamnophilus leuconotus Spix, *Ar. Bras.* ii. (1825) p. 28. tab. xxxix. fig. 2 (typ. ex sylvis Paraë—olim in Mus. Monac.).

Cayenne (♂ ad. in Mus. Vindob. ex Becoeur sub n. "*P. maura*").]

271. ***Pithys** *albifrons*** (Linn.).

Pipra albifrons Linne, *Syst. Nat.* ed. xii. i. 1 (1766) p. 339 (ex Edwards), hab. "Gniana"—sc. Cayenne).

Ipousin, R. Approuague: 4 ♂♂ ad., December 25 (two), 26, 31; 2 ♀♀ ad., December 26, 31, 1902.

"Iris seal, feet orange-yellow, bill above black, below slate-black."

Nos. 12816, 12817, 12853, 12854, 12924, 12925.

♂♂ ad.: al. $72\frac{1}{2}$ — $70\frac{1}{2}$; caud. $41\frac{1}{2}$ — $40\frac{1}{2}$; culm. $16\frac{3}{4}$ —16; tars. $22\frac{3}{4}$ — $21\frac{1}{2}$ mm.

♀♀ ad.: al. $71\frac{1}{2}$ —69; caud. $40\frac{1}{2}$ — $39\frac{1}{2}$; culm. $17\frac{1}{2}$ — $16\frac{1}{4}$; tars. $22\frac{1}{2}$ mm.

There is no difference between the birds sexed "♀♀," as compared with those sexed "♂♂."

[Cayenne (Selater collection and Salvin & Godman collection in Mus. Brit.), coll. Deplanches (*vide* Bp.), Mus. Hein., Mus. Vindob. ex Becoeur, Mus. H. v. B.].

272. ***Anoplops rufigula*** (Bodd.).

Turdus rufigula Boddaert, *Tabl. Pl. Enl.* (1783) p. 39 (ex Daubenton, *Pl. Enl.* 644. f. 2.—typ. ex Cayenne in Mus. Paris—*vide* Meneg. & Hellm.).

Ipousin, R. Approuague: 4 ♂♂ ad., December 26 (two), 30, 1902, January 8, 1903; 1 ♀ ad., December 26, 1902.

"Iris brick-red, feet pale flesh-colour, bill blackish slate-grey at tip of mandible, bare skin about eye blue-grey."

Nos. 12849, 12850, 12851, 12916, 13060.

♂♂ ad.: al. $81\frac{1}{2}$ — $76\frac{1}{2}$; caud. 53 — $47\frac{3}{4}$; culm. $19\frac{3}{4}$ — $18\frac{1}{2}$; tars. $27\frac{1}{2}$ — $25\frac{3}{4}$ mm.

♀ ad.: al. $76\frac{1}{2}$; caud. 50; culm. $17\frac{3}{4}$; tars. $26\frac{1}{2}$ mm.

[Cayenne, Buff. in Mus. Paris (Selater collection in Mus. Brit., Mus. H. v. B.).]

* It is by no means certain that "Manikup" has been proposed by Desmarest as a new generic name. He, of course, begins his Latin diagnosis with the initial "M . . .," but the article is only headed by the word "Manikup," and it is not said that "Manikup" is proposed as a new generic Latin name for this species.

273. *Rhopoterpe torquata* (Bodd.).

Formicarius torquatus Boddaert, *Tabl. Pl. Enl.* (1783) p. 43 (ex Daubenton, *Pl. Enl.* 700. fig. 1.—typ. ex Cayenne).

Ipousin, R. Approuague: 2 ♂♂ ad., December 24, 31, 1902; 1 ♀ ad., December 24, 1902.

“Iris chestnut, feet slate-grey, bill black.”

Nos. 12927, 12795, 12754.

♂♂ ad.: al. 94—89½; caud. 39—36; culm. 23¾; tars. 24½ mm.

♀ ad.: al. 93½; caud. 38½; culm. —; tars. 24 mm.

[Cayenne (Buff., Slater collection in Mus. Brit., in Mus. Vindob. ex Delalande, Mus. H. v. B.).]

274. *Formicarius colma* (Bodd.).

Formicarius Colma Boddaert, *Tabl. Pl. Enl.* p. 44 (ex Daubenton, *Pl. Enl.* 703. fig. 1.—typ. ex Cayenne) ♀.

Formicarius Cayanensis Boddaert (ex *Pl. Enl.* 821.—typ. ex Cayenne) ♂.

Ipousin, R. Approuague: 1 ♂ ad., January 6, 1903.

Roche-Marie, Cayenne, 1 ♀ ad., November 7, 1902.

♂: “Iris seal, feet dusky drab, bill black.”

Nos. 596, 13028.

♀: “Iris seal, feet dusky drab, bill above black, below blackish slate.”

♂ ad.: al. 86½; caud. 50½; culm. 20¼; tars. 29½ mm.

♀ ad.: al. 89½; caud. 52; culm. 20¼; tars. 29½ mm.

This is the species with black front, named *P. nigrifrons* Gld. by Mr. Slater; but I have little doubt that Daubenton's Plates 821 and 703, fig. 1, are intended to represent this species, and not the Brazilian *F. ruficeps* (Spix).

[Cayenne (Buff., Mus. Vindob. ♂ ♀, ex Becoeur, Mus. Hein.). Oyapoc, Cayenne, (Slater collection in Mus. Brit.).]

275. *Formicarius crissalis* (Cab.).

Mymornis crissalis Cabanis, *Journ. f. Orn.* 1861. p. 96 (typ. ex Brit. Guiana in Mus. Berol.).

Ipousin, R. Approuague: 2 ♂♂ ad., January 1, 3, 1903.

“Iris seal, feet drab, bill above black, below blackish slate.”

Nos. 12985, 12954.

♂♂ ad.: al. 96—94; caud. 55—52; culm. 22½—20¾; tars. 22½—21¾ mm.

This form stands perhaps better as *F. hoffmanni crissalis* (Cab.), as it differs from *F. hoffmanni* only by its lighter breast and abdomen.

[Cayenne (Mus. Brit., Mus. Vindob. ex Becoeur).]

[276. *Grallaria varia* (Bodd.).

Formicarius varius Boddaert, *Tabl. Pl. Enl.* (1783) p. 44 (ex Daubenton, *Pl. Enl.* 702.—typ. ex Cayenne).

Cayenne (Buffon, Mus. Vindob.).]

277. *Grallaria brevicauda* (Bodd.).

Formicarius brevicauda Boddaert, *Tabl. Pl. Enl.* p. 44. (ex Daubenton, *Pl. Enl.* 706. f. 1.—typ ex Cayenne).

Ipousin, R. Approuague : 1 ♂ ad., December 25, 1902.

“ Iris seal, feet slate, bill above black, below pale.”

Al. $80\frac{1}{2}$; cand. 35; culm. $20\frac{3}{4}$; tars. $44\frac{1}{2}$ mm. No. 12826.

[Cayenne (Selater collection in Mus. Brit.), Mus. Vindob. et Mus. Leverian.]

[278. *Grallaria macularia* (Tem.).

Pitta macularia Temminck, *Pl. Col.* sub tab. 217.

Oyapoc, Cayenne (Selater collection in Mus. Brit.).

Cayenne (Mus. Vindob. ex Becoer.)]

279. *Conopophaga aurita* (Gml.).

Turdus auritus Gmelin, *Syst. Nat.* ed. xiii. i. 1 (1788) p. 827 (ex Buff. & Daubenton *Pl. Enl.* 822. fig. 1 ♂, fig. 2 ♀—typ. ex Cayenne).

Ipousin, R. Approuague : 1 ♂ ad., December 31, 2 ♀ ♀ ad., December 31, 1902, January 6, 1903.

“ Iris seal, feet greyish lavender (‘pale lavender,’ ‘pale grey’), ‘bill black’ (‘above black, below dusky,’ ♀ January 6).”

Nos. 12930, 12931, 13035.

♂ ad. : al. $66\frac{1}{2}$; cand. 33; culm. $14\frac{1}{2}$; tars. $25\frac{1}{2}$ mm.

♀ ♀ ad. : al. $66\frac{1}{2}$; cand. $33\frac{1}{2}$ — $32\frac{1}{2}$; culm. $13\frac{3}{4}$ — $12\frac{1}{2}$; tars. 26 — $25\frac{3}{4}$ mm.

[Cayenne (Selater collection in Mus. Brit., in Mus. Paris ex Poiteau et Faber).]

280. *Corythopsis torquata anthoides* (Puch.).

[*Corythopsis torquata* Tschudi, *Arch. Naturg.* x. 1. (1844) p. 279. typ. ex Peru—in Mus. Neuchâtel.]
Muscicapa anthoides Pucheran (ex Cuvier), *Arch. du Mus. Paris*, vii. (1855) p. 334 (typ. ex Cayenne in Mus. Paris).

Ipousin, R. Approuague : 1 ♂ ad., December 27, 1902; 1 ♀ ad., 1 ♀ jr., 8 and 6 January, 1903.

“ Iris wood-brown (♀ ‘drab grey,’ seal), bill above black, below pale greyish flesh-colour (♀ ♀ ‘below pale greyish,’ ‘buffy yellowish,’ feet greyish flesh, ♀ ‘grey,’ pale greyish).”

Nos. 12868, 13029, 13059.

♂ ad. : al. $66\frac{1}{2}$; cand. $54\frac{1}{2}$; culm. $14\frac{3}{4}$; tars. $24\frac{3}{4}$ mm.

♀ ad. : al. $62\frac{1}{2}$; cand. $48\frac{1}{2}$; culm. $14\frac{1}{2}$; tars. 24 mm.

[Cayenne (Selater collection, ♀ ad. in Mus. Brit., Mus. Paris), Camopi, Guyane française (coll. F. Geay) in Mus. Paris].]

[To be continued.]